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Changed chart(s) since Disc 16-2010

ADD = Added chart, REV = Revised chart, DEL = Deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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No revision activity since Disc 16-2010

TERMINAL CHART NOTAMs

Chart NOTAMs for Airport UATE

Type: Terminal

Effectivity: Temporary

Begin Date: Immediately

End Date: Until Further Notice

EFF 19 NOV 09 MSA center changed from ARP to VORDME AKT.

General Info

Aktau, KAZ

N 43° 51.6' E 51° 05.5' Mag Var: 6.0°E

Elevation: 72'

Public, IFR, Control Tower, Customs, Landing Fee

Fuel: Jet, Jet A-1

Repairs: Minor Airframe, Minor Engine

Time Zone Info: GMT+5:00 no DST

Runway Info

Runway 12-30 8701' x 148' asphalt

Runway 12 (116.0°M) TDZE 69'

Lights: Edge, ALS

Runway 30 (296.0°M) TDZE 52'

Lights: Edge, ALS

Communications InfoATIS **130.1**ATIS **126.2** Non-EnglishAktau Tower **120.7**Aktau Approach Control **134.3****Notebook Info**

UATE/SCO
AKTAU

JEPPESSEN
6 NOV 09 **10-2** **Eff 19 Nov**

AKTAU, KAZAKHSTAN

STAR

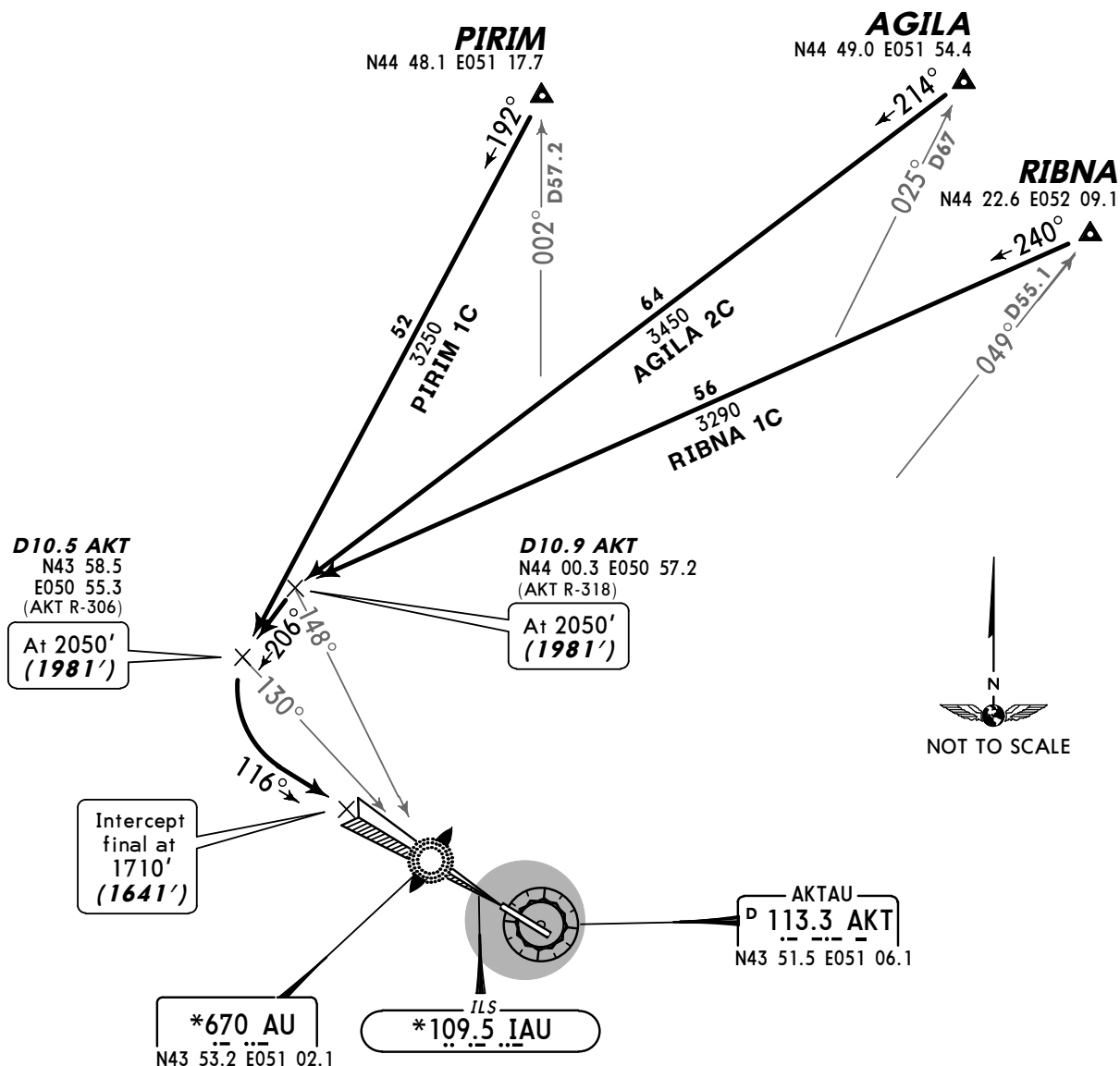
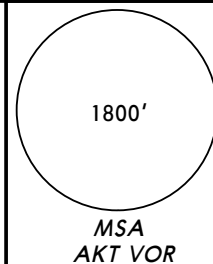
ATIS
130.1
(Russian **126.2**)

Apt Elev
72'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL39 Trans alt: 2050' (**1981'**)
Crossings at airway exit points by ATC.

AGILA 2C [AGIL2C]
PIRIM 1C [PIRI1C]
RIBNA 1C [RIBN1C]
RWY 12 ARRIVALS
FROM NORTH

FOR STARS WITHOUT RADAR CONTROL REFER TO CHART 10-2A



FL CONVERSION	
FL39	FL1200m
ALT/HEIGHT CONVERSION	
QNH	(QFE)
2050'	(1981' - 600m)
1710'	(1641' - 500m)

STAR	ROUTING
AGILA 2C	214° track to D10.9 AKT, turn LEFT, 206° track to D10.5 AKT, turn LEFT, intercept IAU LOC.
PIRIM 1C	192° track to D10.5 AKT, turn LEFT, intercept IAU LOC.
RIBNA 1C	240° track to D10.9 AKT, turn LEFT, 206° track to D10.5 AKT, turn LEFT, intercept IAU LOC.

UATE/SCO
AKTAU

JEPPesen
6 NOV 09 **(10-2A)** Eff 19 Nov

AKTAU, KAZAKHSTAN

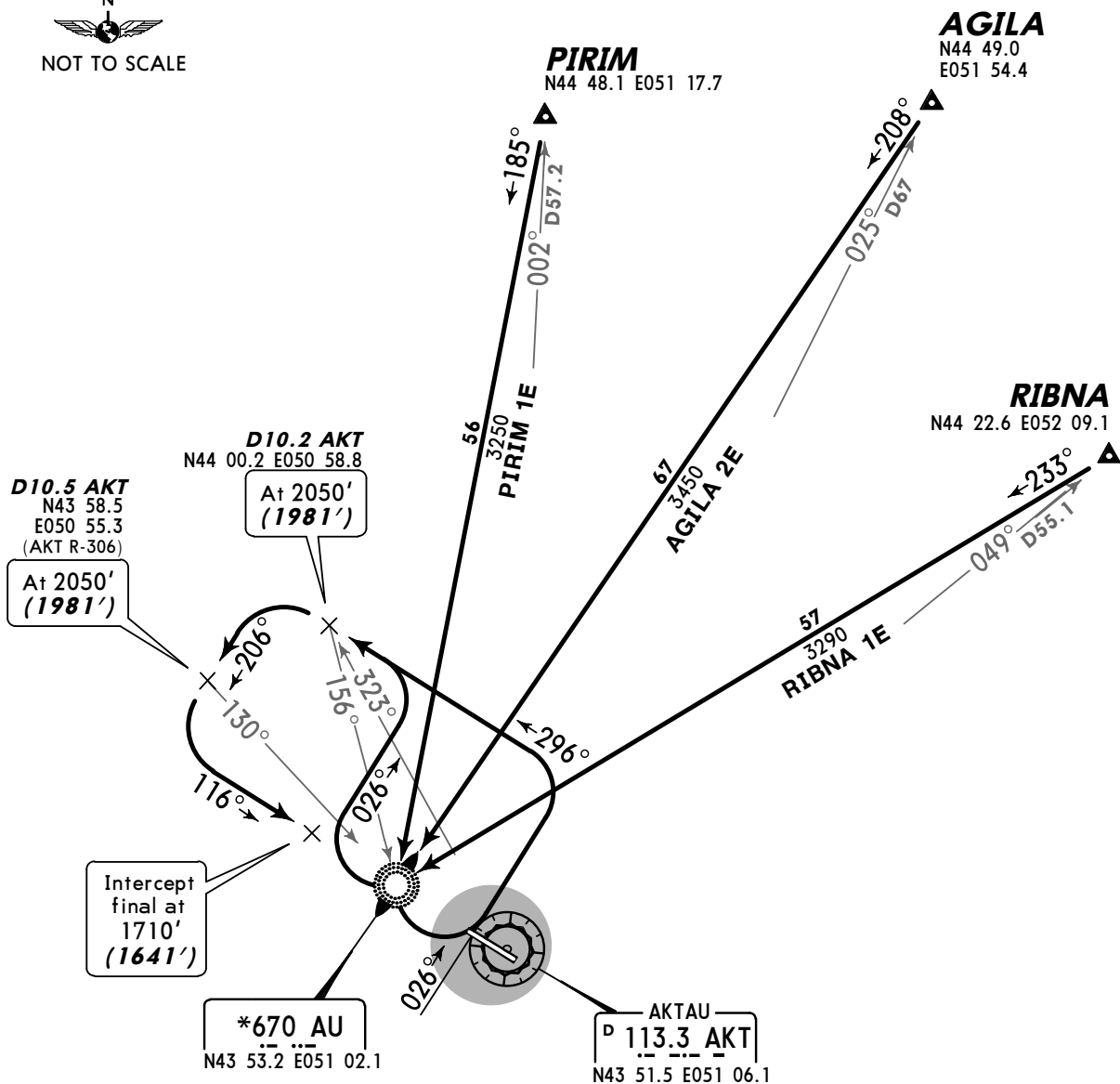
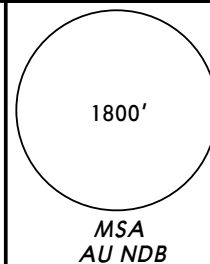
STAR

ATIS
130.1
(Russian **126.2**)

Apt Elev
72'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL39 Trans alt: 2050' (**1981'**)
Crossings at airway exit points by ATC.

AGILA 2E
PIRIM 1E
RIBNA 1E
RWY 12 ARRIVALS
FROM NORTH
WITHOUT RADAR CONTROL



FL CONVERSION
FL39 **FL1200m**

ALT/HEIGHT CONVERSION
QNH (QFE)
2050' (**1981' - 600m**)
1710' (**1641' - 500m**)

UATE/SCO
AKTAU

JEPPESSEN
6 NOV 09 **10-2B** Eff 19 Nov

AKTAU, KAZAKHSTAN

STAR

ATIS
130.1
(Russian **126.2**)

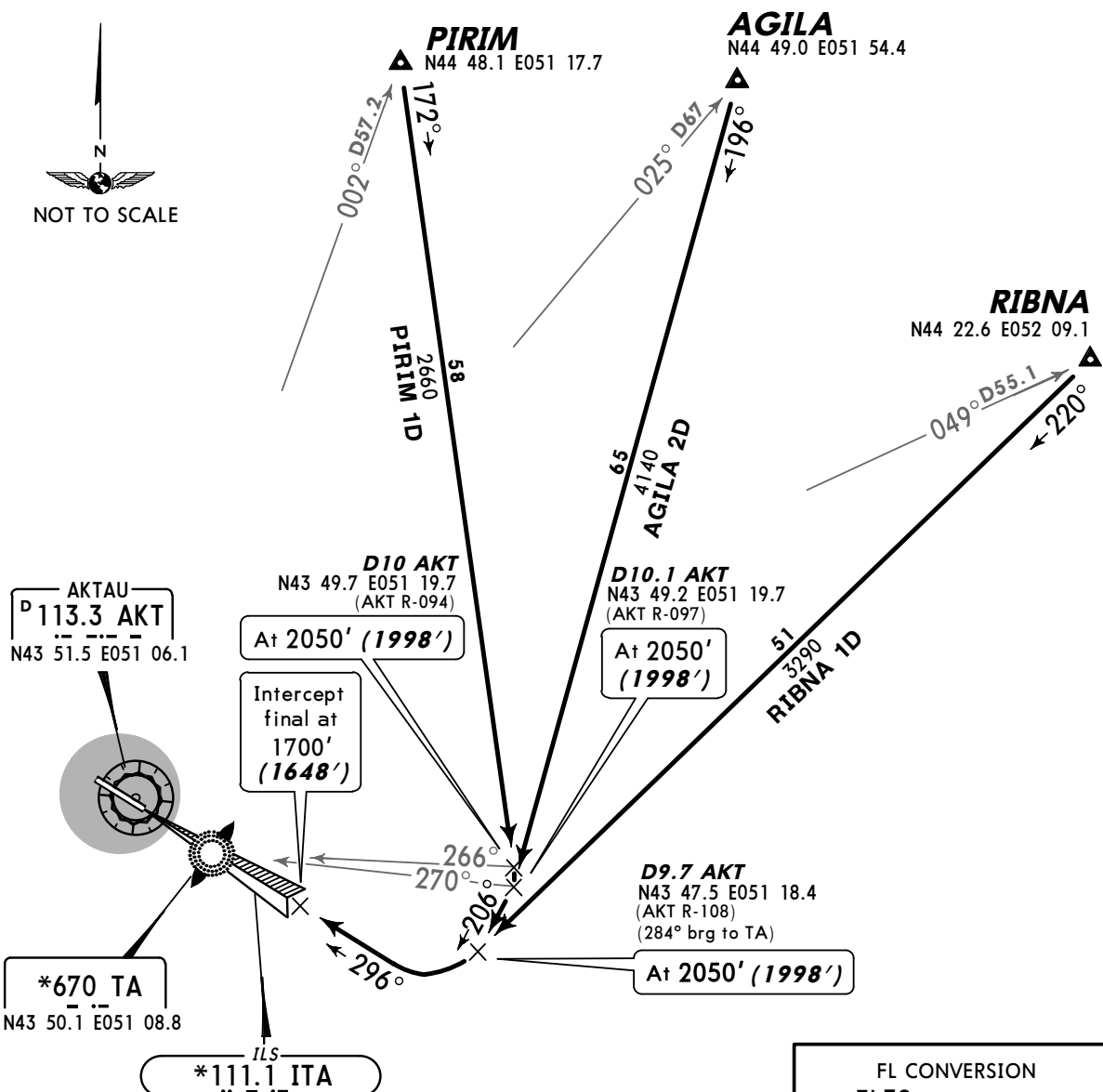
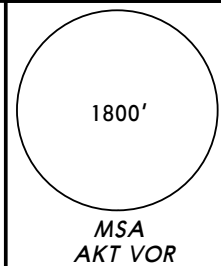
Apt Elev
72'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL39 Trans alt: 2050' (**1998'**)
Crossings at airway exit points by ATC.

AGILA 2D [AGIL2D]
PIRIM 1D [PIRI1D]
RIBNA 1D [RIBN1D]
RWY 30 ARRIVALS

FROM NORTH

FOR STARS WITHOUT RADAR CONTROL REFER TO CHART 10-2C



FL CONVERSION
FL39 **FL1200m**

ALT/HEIGHT CONVERSION
QNH (QFE)
2050' (**1998'** - 600m)
1700' (**1648'** - 500m)

STAR	ROUTING
AGILA 2D	196° track to D10.1 AKT, turn RIGHT, 206° track to D9.7 AKT, turn RIGHT, intercept ITA LOC.
PIRIM 1D	172° track to D10 AKT, turn RIGHT, 206° track to D9.7 AKT, turn RIGHT, intercept ITA LOC.
RIBNA 1D	220° track to D9.7 AKT, turn RIGHT, intercept ITA LOC.

UATE/SCO
AKTAU

JEPPESEN
6 NOV 09 **(10-2C)** **Eff 19 Nov**

AKTAU, KAZAKHSTAN

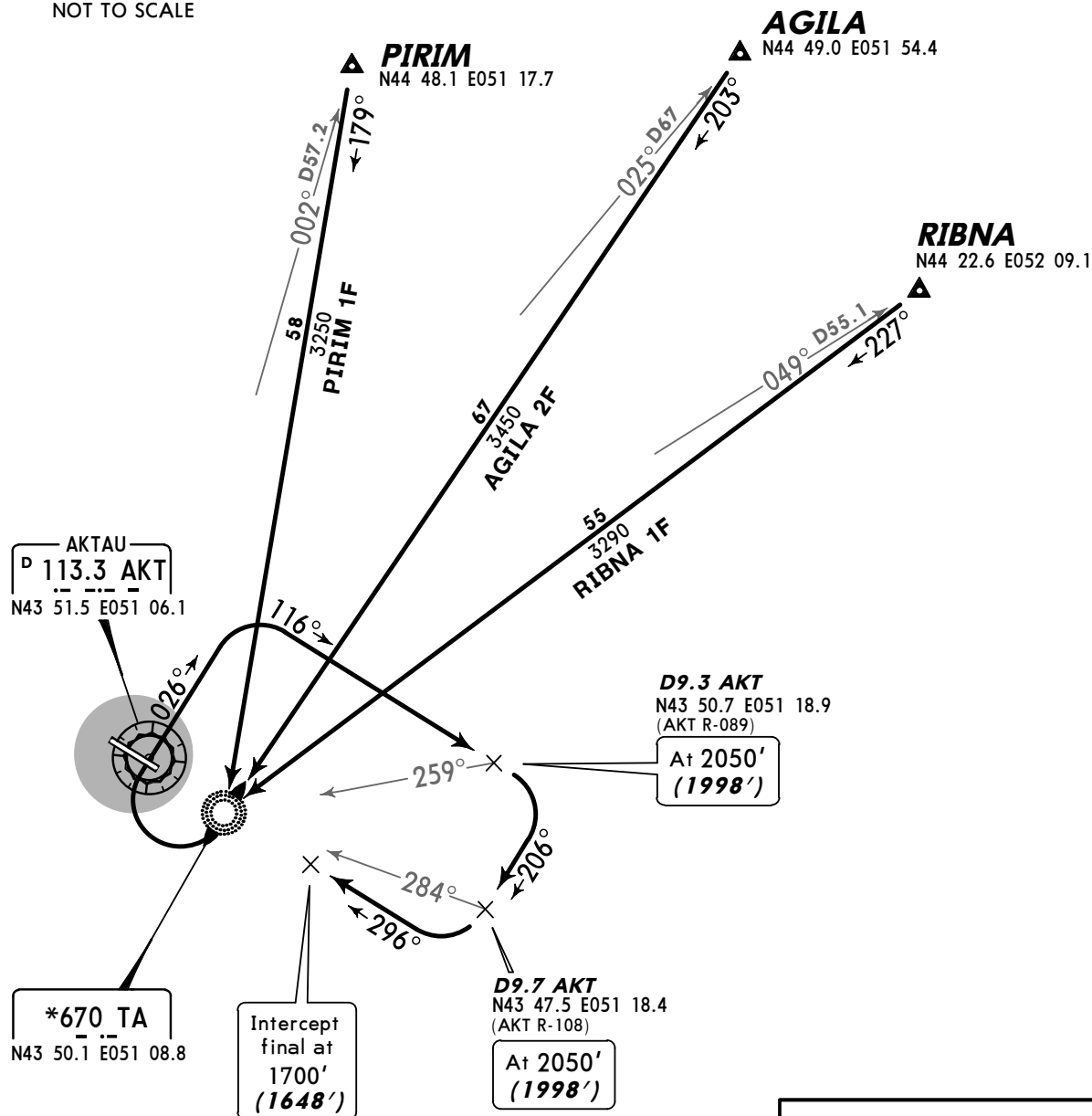
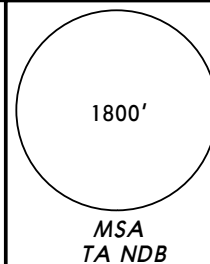
STAR

ATIS
130.1
(Russian **126.2**)

Apt Elev
72'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL39 Trans alt: 2050' (**1998'**)
Crossings at airway exit points by ATC.

AGILA 2F
PIRIM 1F
RIBNA 1F
RWY 30 ARRIVALS
FROM NORTH
WITHOUT RADAR CONTROL



FL CONVERSION	
FL39	FL1200m
ALT/HEIGHT CONVERSION	
QNH	(QFE)
2050'	(1998' - 600m)
1700'	(1648' - 500m)

UATE/SCO
AKTAU

JEPPESEN
6 NOV 09 **(10-2D)** Eff 19 Nov

AKTAU, KAZAKHSTAN

STAR

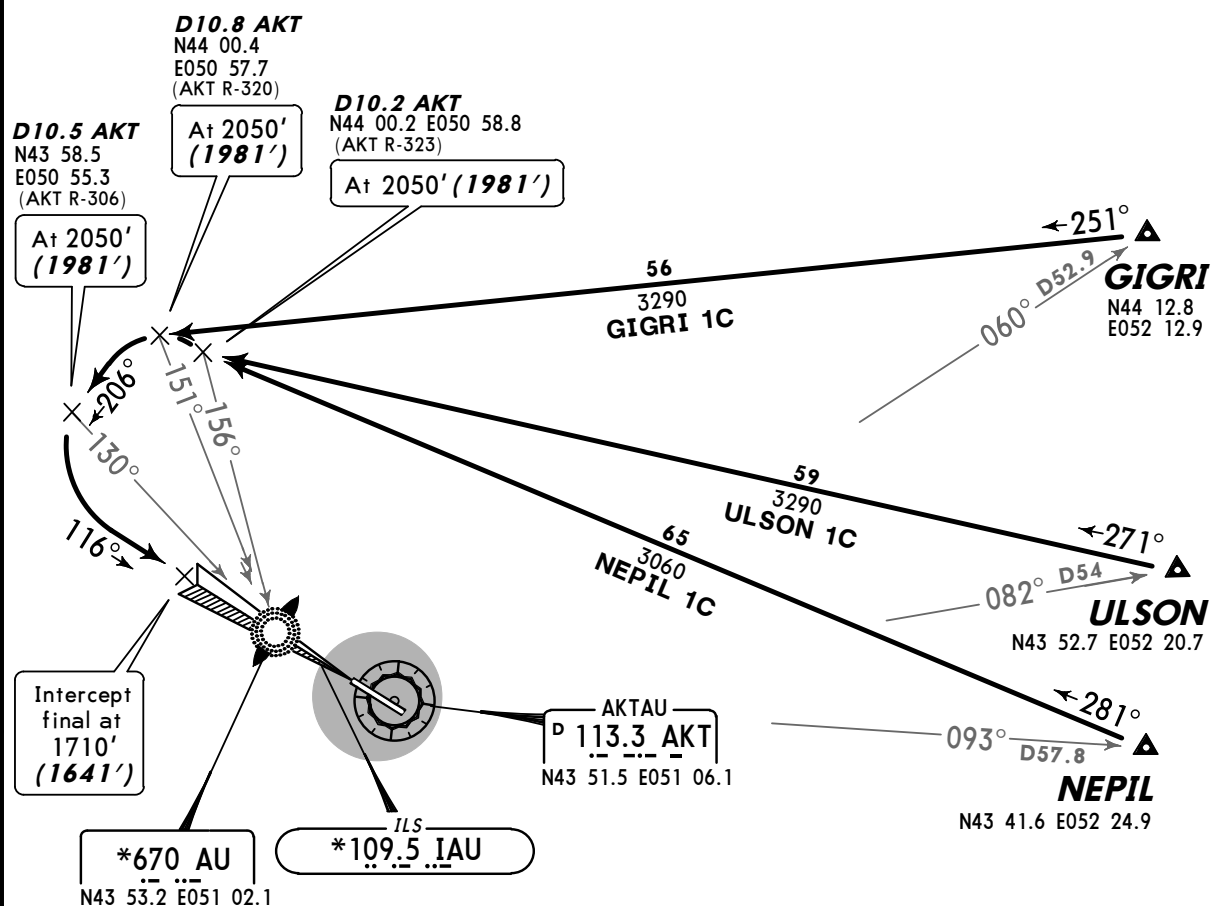
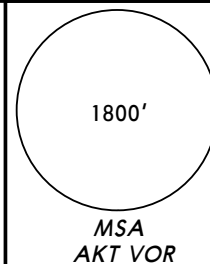
ATIS
130.1
(Russian **126.2**)

Apt Elev
72'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL39 Trans alt: 2050' (**1981'**)
Crossings at airway exit points by ATC.

GIGRI 1C [GIGRI1C]
NEPIL 1C [NEPI1C]
ULSON 1C [ULSO1C]
RWY 12 ARRIVALS
FROM EAST

FOR STARS WITHOUT RADAR CONTROL REFER TO CHART 10-2E



FL CONVERSION	
FL39	FL 1200m
ALT/HEIGHT CONVERSION	
QNH	(QFE)
2050'	(1981' - 600m)
1710'	(1641' - 500m)

STAR	ROUTING
GIGRI 1C	251° track to D10.8 AKT, turn LEFT, 206° track to D10.5 AKT, turn LEFT, intercept IAU LOC.
NEPIL 1C	281° track to D10.2 AKT, turn LEFT, 206° track to D10.5 AKT, turn LEFT, intercept IAU LOC.
ULSON 1C	271° track to D10.2 AKT, turn LEFT, 206° track to D10.5 AKT, turn LEFT, intercept IAU LOC.

UATE/SCO
AKTAU

JEPPESEN
6 NOV 09 **10-2E** **Eff 19 Nov**

AKTAU, KAZAKHSTAN

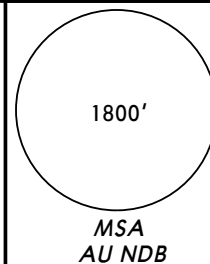
STAR

ATIS
130.1
(Russian **126.2**)

Apt Elev
72'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL39 Trans alt: 2050' (**1981'**)
Crossings at airway exit points by ATC.

GIGRI 1E
NEPIL 1E
ULSON 1E
RWY 12 ARRIVALS
FROM EAST
WITHOUT RADAR CONTROL



D10.5 AKT
N43 58.5
E050 55.3
(AKT R-306)

A+ 2050'
(**1981'**)

D10.2 AKT
N44 00.2 E050 58.8

A+ 2050'
(**1981'**)

Intercept
final at
1710'
(**1641'**)

***670 AU**
N43 53.2 E051 02.1

AKTAU
D 113.3 AKT
N43 51.5 E051 06.1

GIGRI
N44 12.8
E052 12.9

55
3290
GIGRI 1E

57
3290
ULSON 1E
N43 52.7 E052 20.7
(AKT R-082/D54)

61
3060
NEPIL 1E

NEPIL
N43 41.6 E052 24.9
(AKT R-093/D57.8)



FL CONVERSION
FL39 **FL1200m**

ALT/HEIGHT CONVERSION
QNH (QFE)
2050' (**1981' - 600m**)
1710' (**1641' - 500m**)

UATE/SCO
AKTAU

JEPPESSEN
6 NOV 09 **10-2F** **Eff 19 Nov**

AKTAU, KAZAKHSTAN

STAR

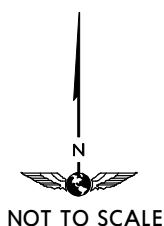
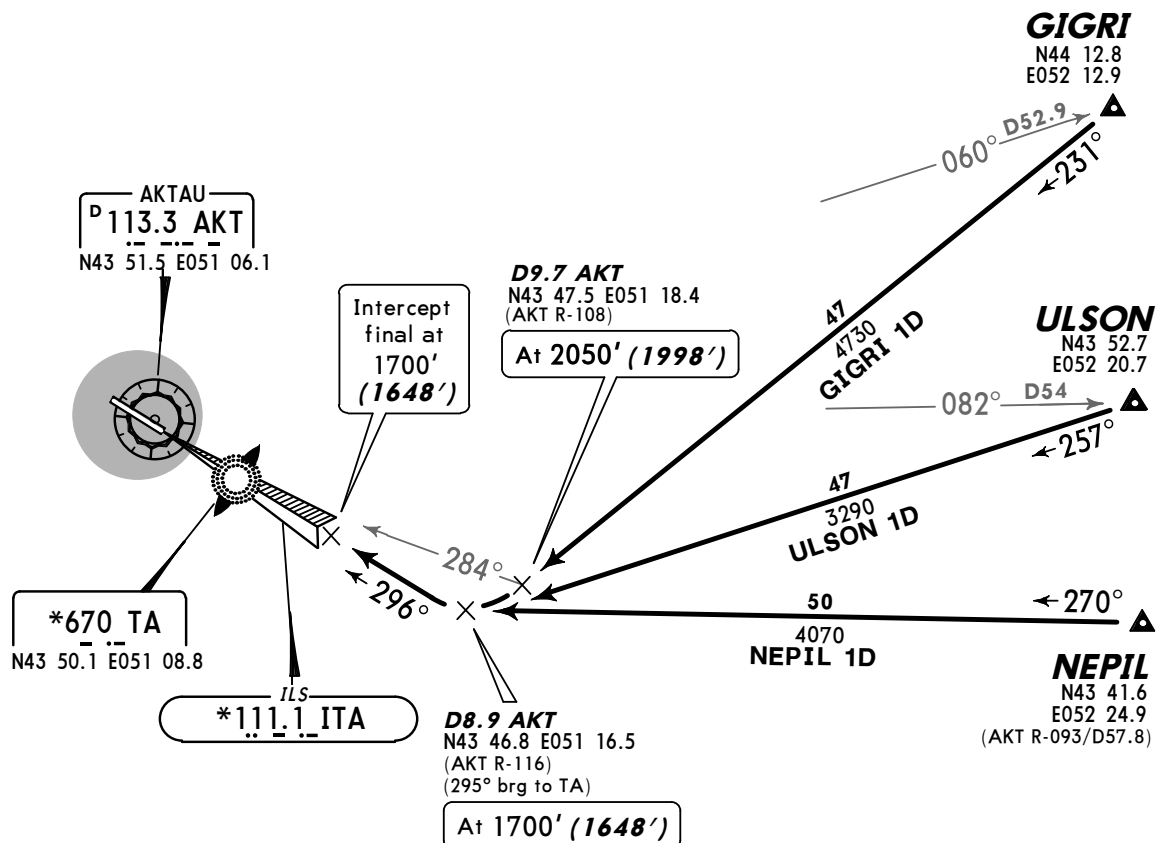
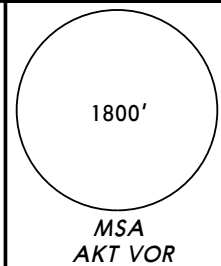
ATIS
130.1
(Russian **126.2**)

Apt Elev
72'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL39 Trans alt: 2050' (**1998'**)
Crossings at airway exit points by ATC.

GIGRI 1D [GIGRI D]
NEPIL 1D [NEPI 1D]
ULSON 1D [ULSO 1D]
RWY 30 ARRIVALS
FROM EAST

FOR STARS WITHOUT RADAR CONTROL REFER TO CHART 10-2G



FL CONVERSION
FL39 **FL 1200m**

ALT/HEIGHT CONVERSION
QNH (QFE)
2050' (**1998' - 600m**)
1700' (**1648' - 500m**)

STAR	ROUTING
GIGRI 1D	231° track to D9.7 AKT, turn RIGHT, intercept ITA LOC.
NEPIL 1D	270° track to D8.9 AKT, intercept ITA LOC.
ULSON 1D	257° track to D8.9 AKT, intercept ITA LOC.

UATE/SCO
AKTAU

JEPPESEN
6 NOV 09 **(10-2G)** **Eff 19 Nov**

AKTAU, KAZAKHSTAN

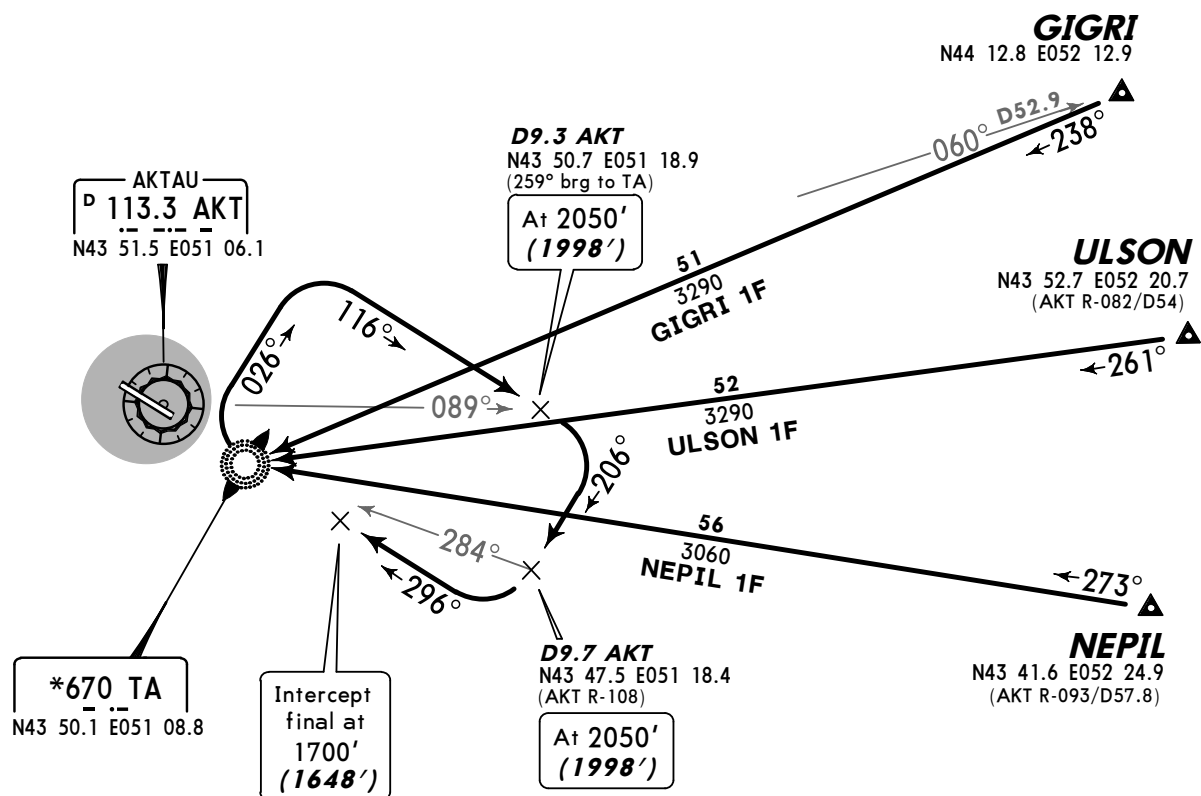
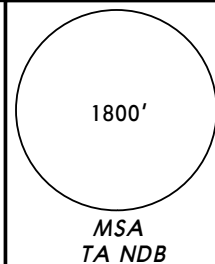
STAR

ATIS
130.1
(Russian **126.2**)

Apt Elev
72'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL39 Trans alt: 2050' (**1998'**)
Crossings at airway exit points by ATC.

GIGRI 1F
NEPIL 1F
ULSON 1F
RWY 30 ARRIVALS
FROM EAST
WITHOUT RADAR CONTROL



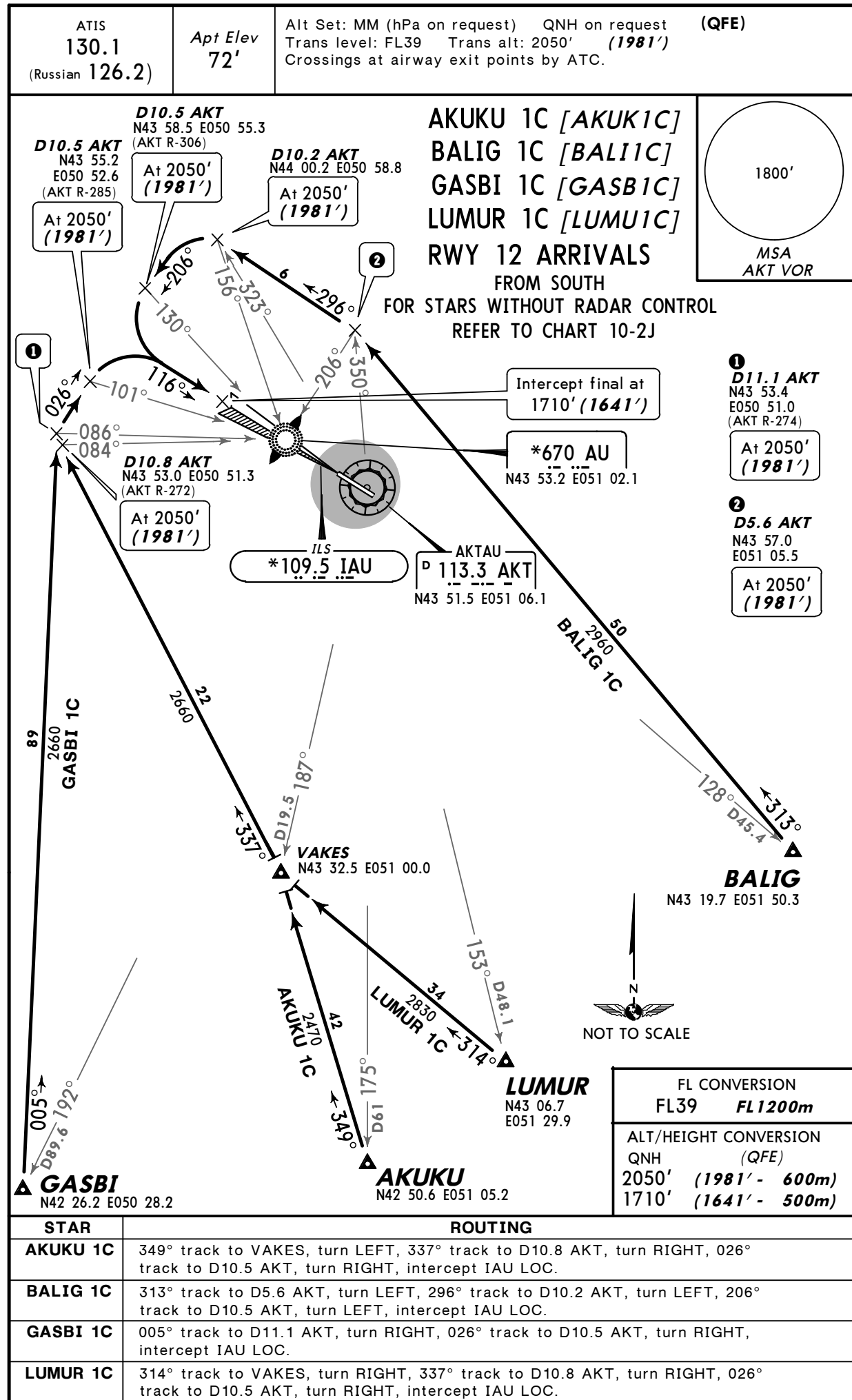
FL CONVERSION	
FL39	FL1200m
ALT/HEIGHT CONVERSION	
QNH	(QFE)
2050'	(1998' - 600m)
1700'	(1648' - 500m)

UATE/SCO
AKTAU

JEPPesen
6 NOV 09 **(10-2H)** Eff 19 Nov

AKTAU, KAZAKHSTAN

STAR



UATE/SCO
AKTAU

JEPPESSEN
6 NOV 09 **(10-2J)** **Eff 19 Nov**

AKTAU, KAZAKHSTAN

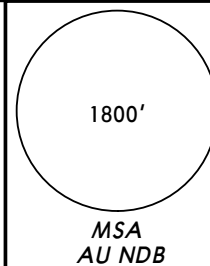
STAR

ATIS
130.1
(Russian **126.2**)

Apt Elev
72'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL39 Trans alt: 2050' (**1981'**)
Crossings at airway exit points by ATC.

AKUKU 1E, BALIG 1E, GASBI 1E, LUMUR 1E
RWY 12 ARRIVALS
FROM SOUTH
WITHOUT RADAR CONTROL



D10.5 AKT
N43 58.5
E050 55.3
(AKT R-306)

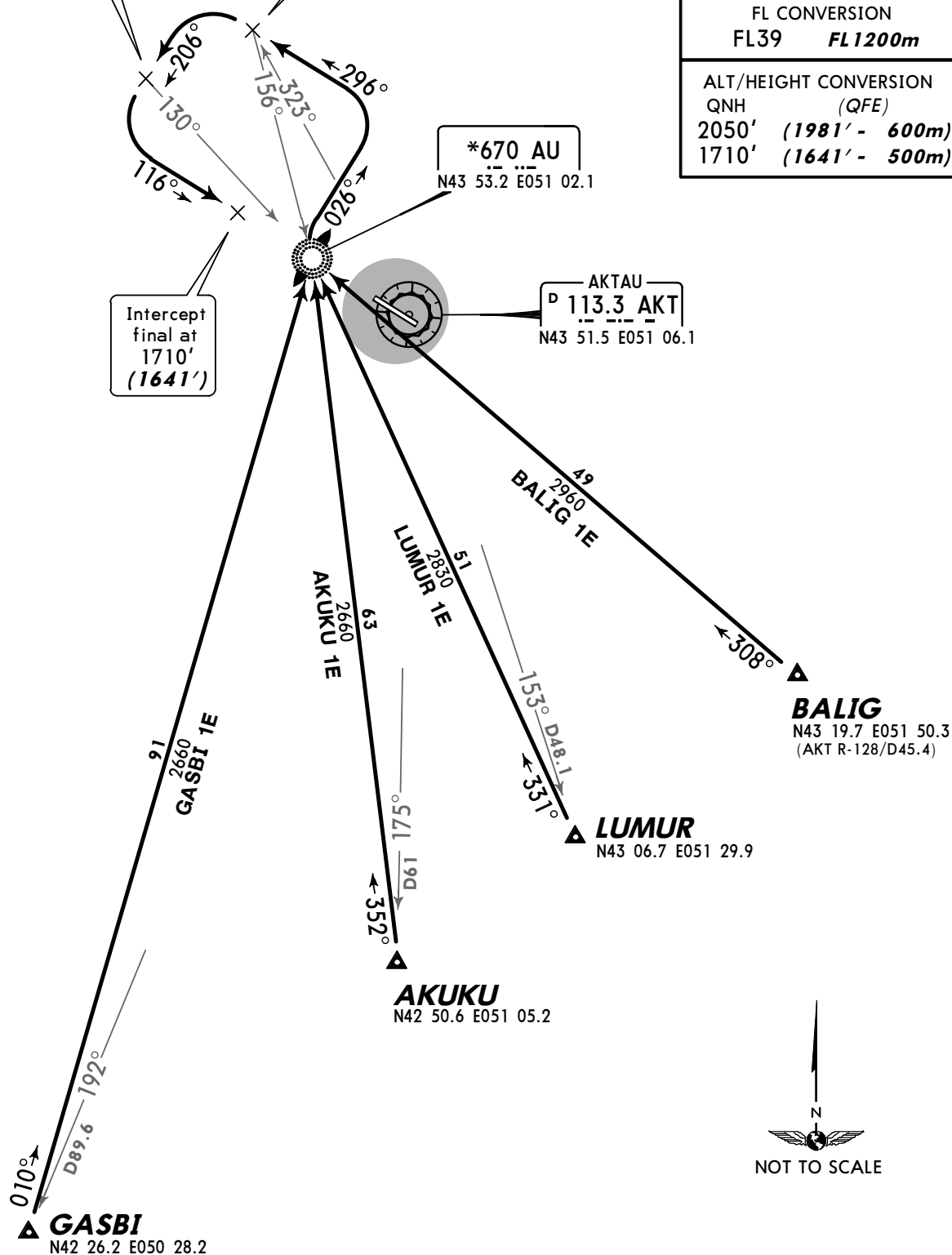
At 2050'
(1981')

D10.2 AKT
N44 00.2 E050 58.8

At 2050'
(1981')

FL CONVERSION
FL39 **FL1200m**

ALT/HEIGHT CONVERSION
QNH (QFE)
2050' (1981' - 600m)
1710' (1641' - 500m)



UATE/SCO
AKTAU

JEPPesen
6 NOV 09 **10-2K** **Eff 19 Nov**

AKTAU, KAZAKHSTAN

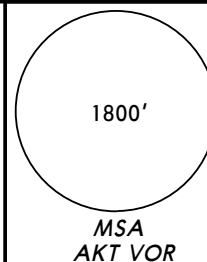
STAR

ATIS
130.1
(Russian 126.2)

Apt Elev
72'

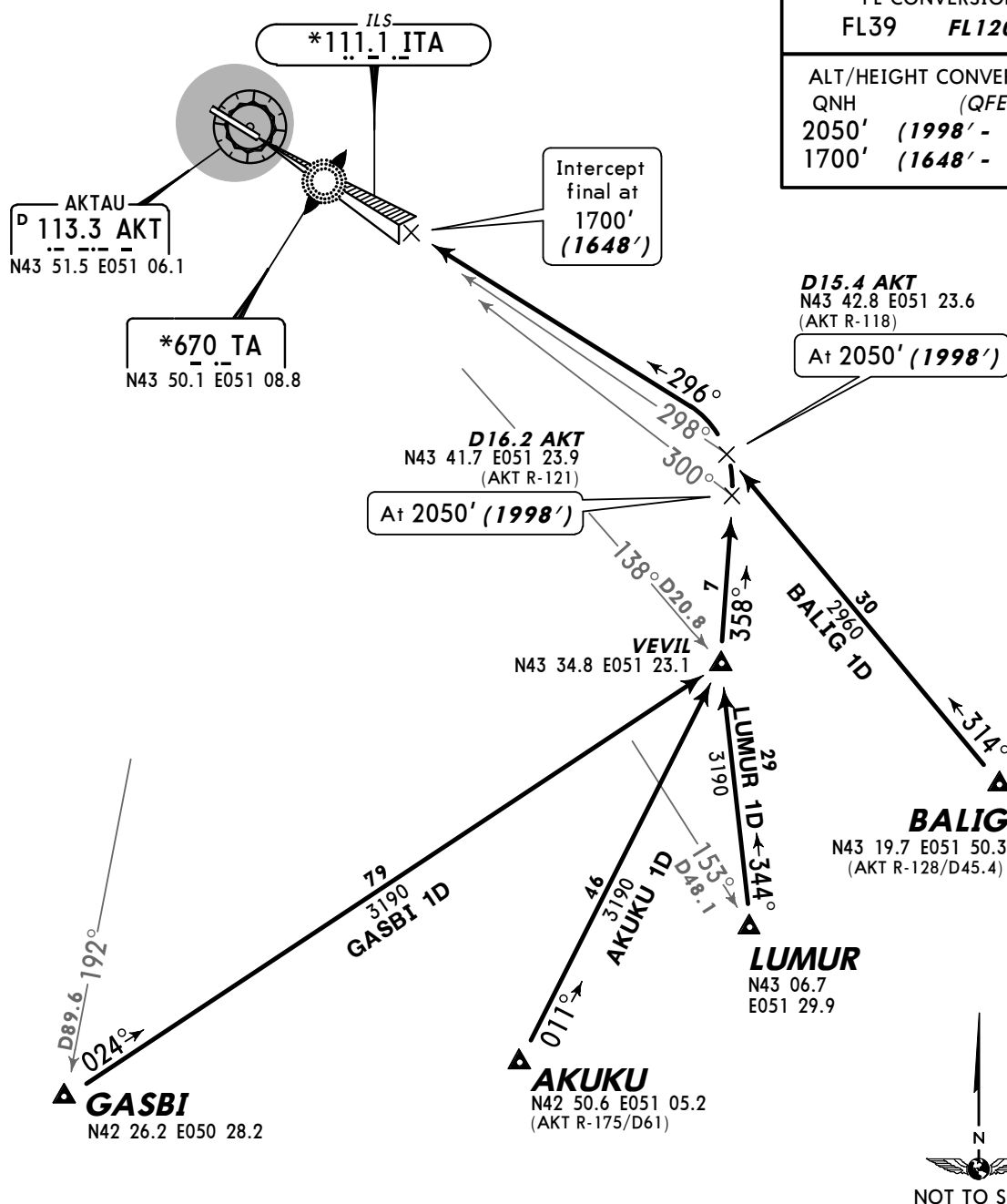
Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL39 Trans alt: 2050' (1998')
Crossings at airway exit points by ATC.

**AKUKU 1D [AKUK1D], BALIG 1D [BALI1D]
GASBI 1D [GASB1D], LUMUR 1D [LUMU1D]
RWY 30 ARRIVALS
FROM SOUTH
FOR STARS WITHOUT RADAR CONTROL
REFER TO CHART 10-2L**



FL CONVERSION
FL39 **FL1200m**

ALT/HEIGHT CONVERSION
QNH (QFE)
2050' (1998' - 600m)
1700' (1648' - 500m)



STAR	ROUTING
AKUKU 1D	011° track to VEVIL, turn LEFT, 358° track to D16.2 AKT, turn LEFT, 296° track, intercept ITA LOC.
BALIG 1D	314° track to D15.4 AKT, turn LEFT, 296° track, intercept ITA LOC.
GASBI 1D	024° track to VEVIL, turn LEFT, 358° track to D16.2 AKT, turn LEFT, 296° track, intercept ITA LOC.
LUMUR 1D	344° track to VEVIL, turn RIGHT, 358° track to D16.2 AKT, turn LEFT, 296° track, intercept ITA LOC.

UATE/SCO
AKTAU

JEPPESEN
6 NOV 09 **10-2L** **Eff 19 Nov**

AKTAU, KAZAKHSTAN

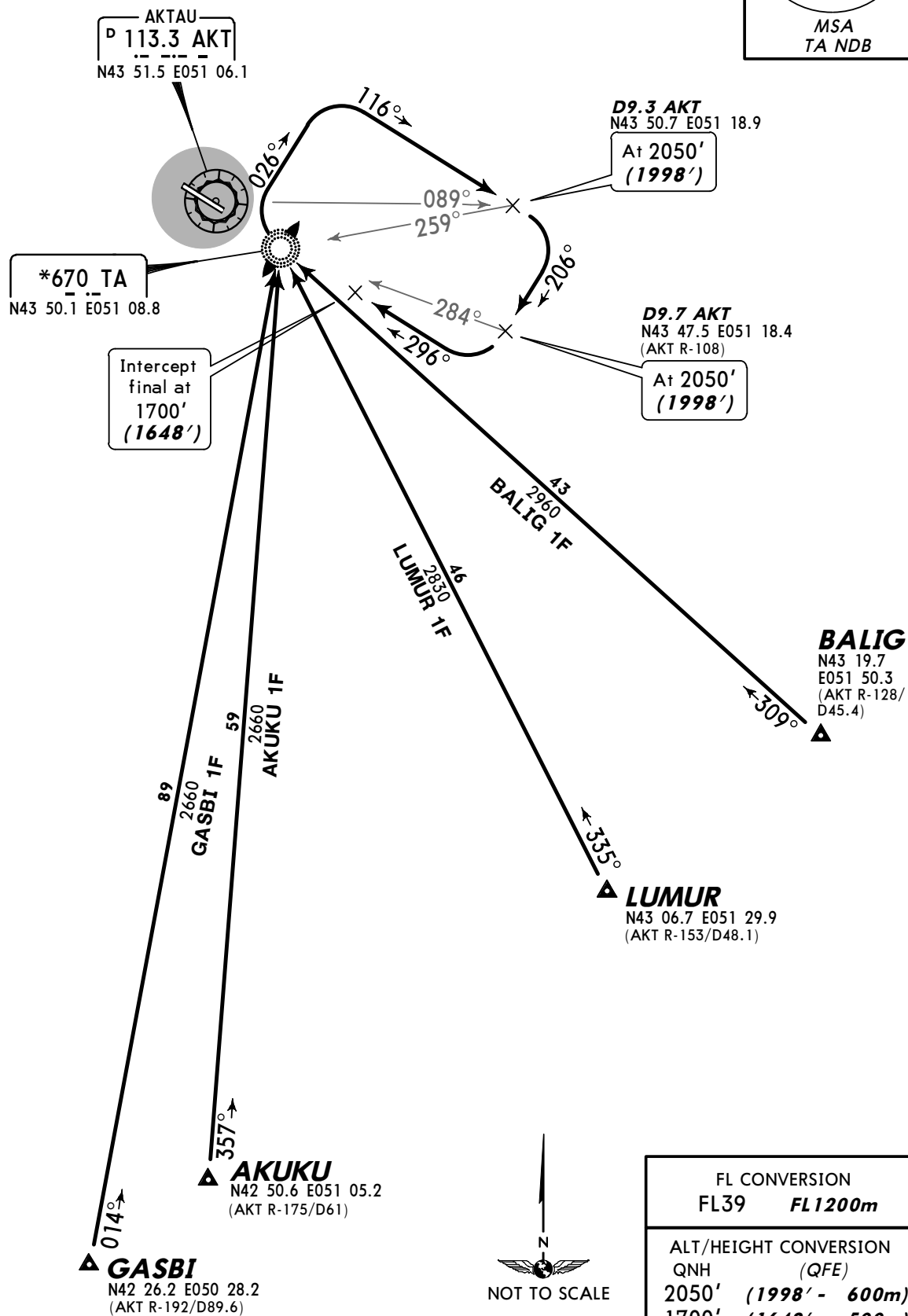
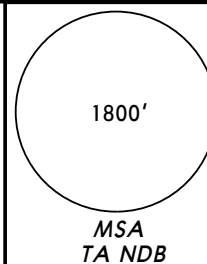
STAR

ATIS
130.1
(Russian 126.2)

Apt Elev
72'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL39 Trans alt: 2050' (1998')
Crossings at airway exit points by ATC.

AKUKU 1F, BALIG 1F, GASBI 1F, LUMUR 1F
RWY 30 ARRIVALS
FROM SOUTH
WITHOUT RADAR CONTROL

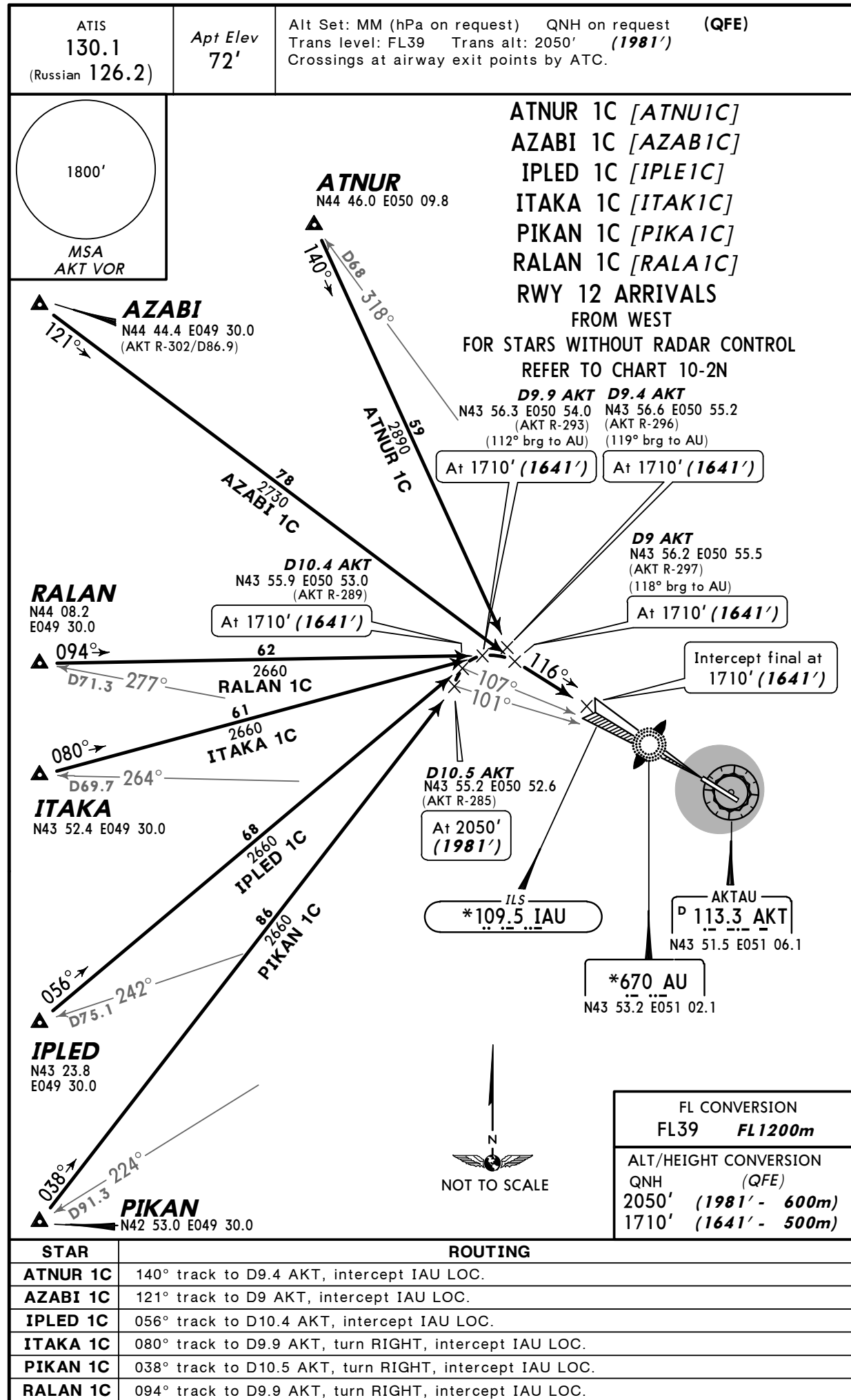


UATE/SCO
AKTAU

JEPPESEN
6 NOV 09 **10-2M** **Eff 19 Nov**

AKTAU, KAZAKHSTAN

STAR



UATE/SCO
AKTAU

JEPPESEN
6 NOV 09 **10-2N** **Eff 19 Nov**

AKTAU, KAZAKHSTAN

STAR

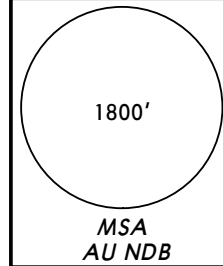
ATIS
130.1
(Russian **126.2**)

Apt Elev
72'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL39 Trans alt: 2050' (**1981'**)
Crossings at airway exit points by ATC.

(QFE)

ATNUR 1E, AZABI 1E, IPLED 1E
ITAKA 1E, PIKAN 1E, RALAN 1E
RWY 12 ARRIVALS
FROM WEST
WITHOUT RADAR CONTROL



AZABI
N44 44.4 E049 30.0
(AKT R-302/D86.9)

ATNUR
N44 46.0 E050 09.8
(AKT R-318/D68)

D10.2 AKT
N44 00.2 E050 58.8
At 2050'
(**1981'**)

D10.5 AKT
N43 58.5 E050 55.3
(AKT R-306)
At 2050'
(**1981'**)
Intercept final at
1710' (**1641'**)

RALAN
N44 08.2
E049 30.0
(AKT R-277/D71.3)

ITAKA
N43 52.4 E049 30.0
(AKT R-264/D69.7)

IPLED
N43 23.8 E049 30.0
(AKT R-242/D75.1)

PIKAN
N42 53.0 E049 30.0

***670 AU**
N43 53.2 E051 02.1

AKTAU
D 113.3 AKT
N43 51.5 E051 06.1



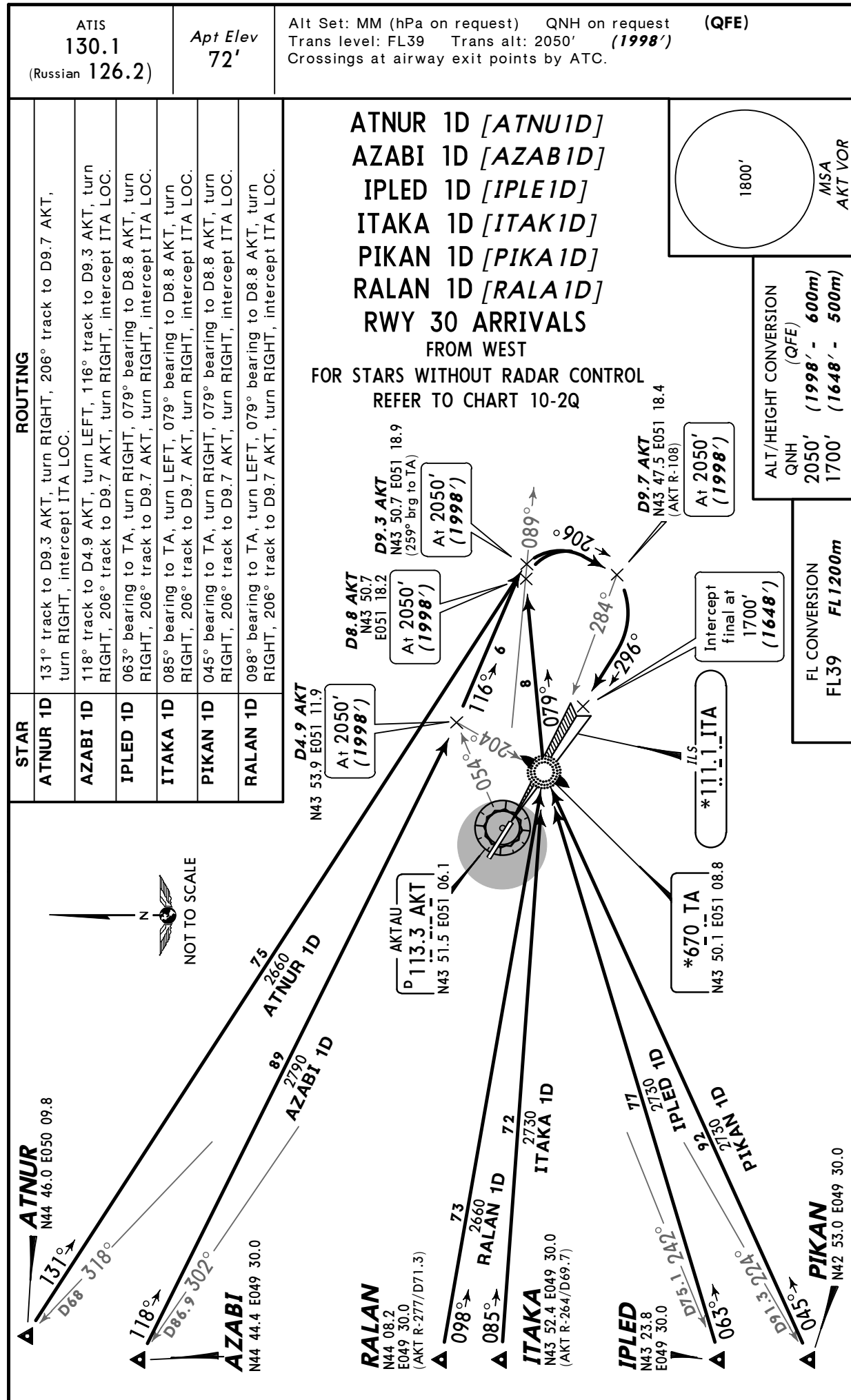
FL CONVERSION	
FL39	FL1200m
ALT/HEIGHT CONVERSION	
QNH	(QFE)
2050'	(1981' - 600m)
1710'	(1641' - 500m)

UATE/SCO
AKTAU

JEPPESEN **A**
6 NOV 09 (10-2P) Eff 19 Nov

AKTAU, KAZAKHSTAN

STAR

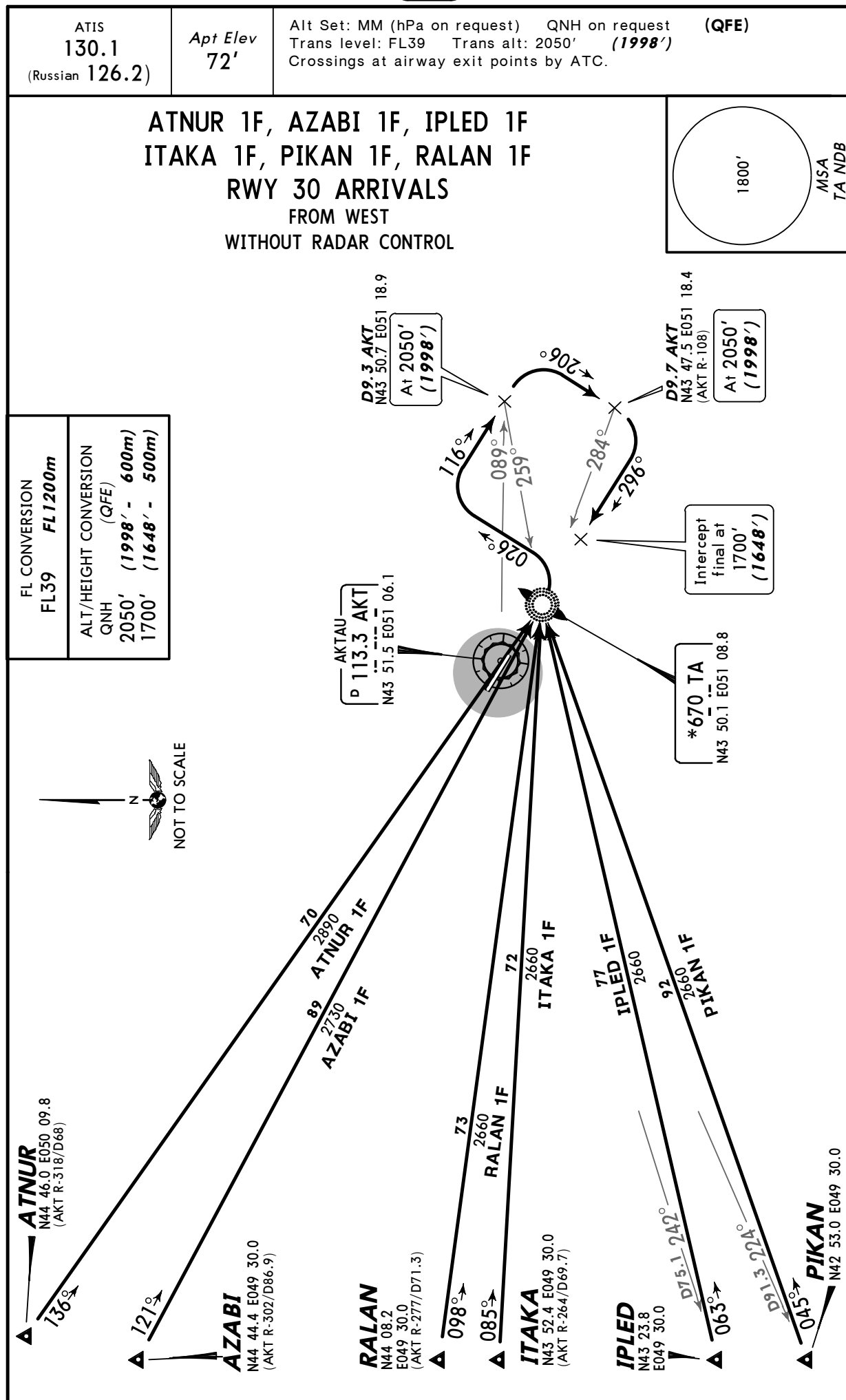


UATE/SCO
AKTAU

JEPPESSEN
6 NOV 09 **10-2Q** Eff 19 Nov

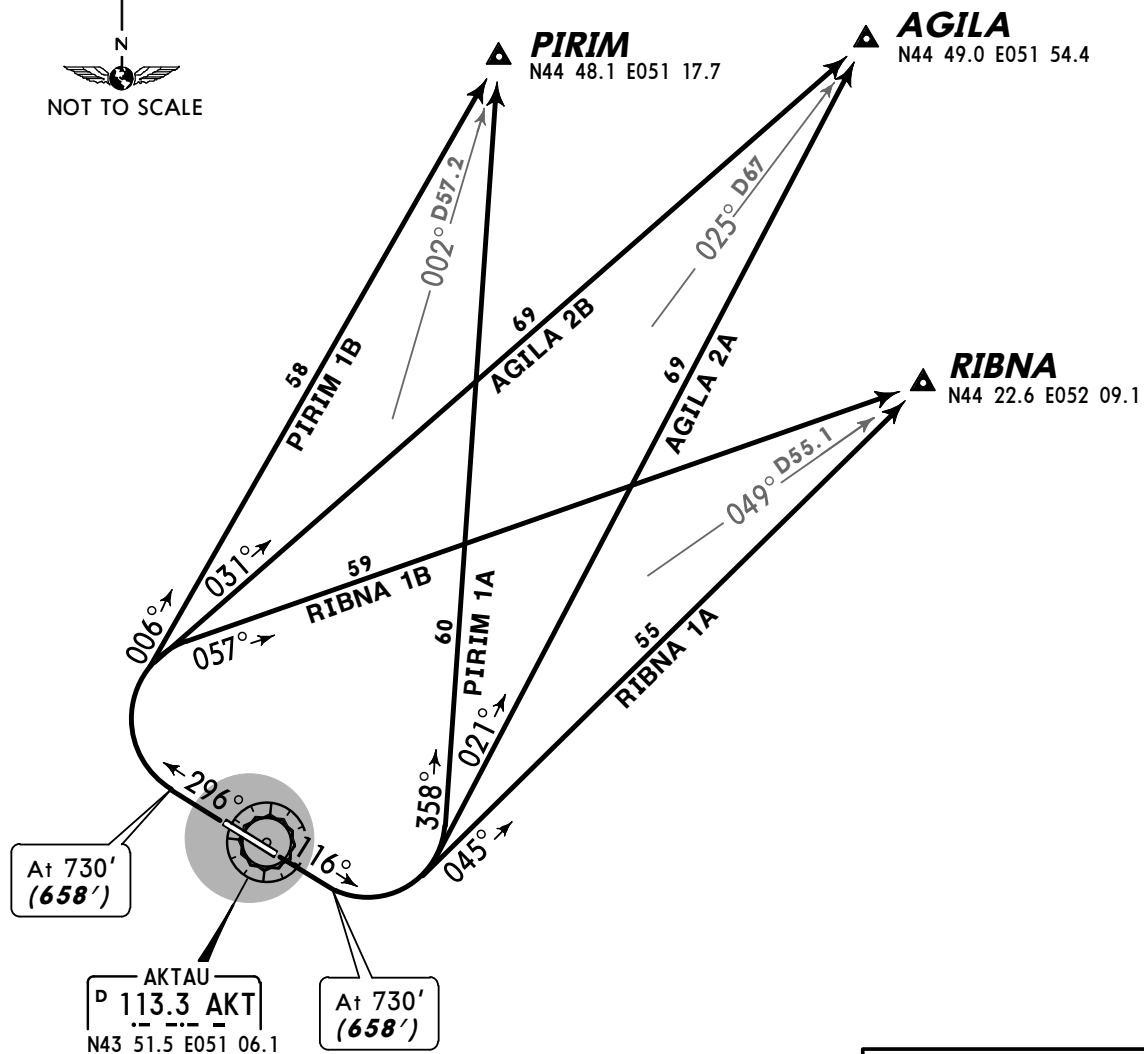
AKTAU, KAZAKHSTAN

STAR



UATE/SCO
AKTAU**JEPPESEN**
6 NOV 09 **10-3** **Eff 19 Nov****AKTAU, KAZAKHSTAN****SID**Apt Elev
72'QNH on request **(QFE)**
Trans level: FL39 Trans alt: 2050' **(1978')**
FL by ATC.

1800'

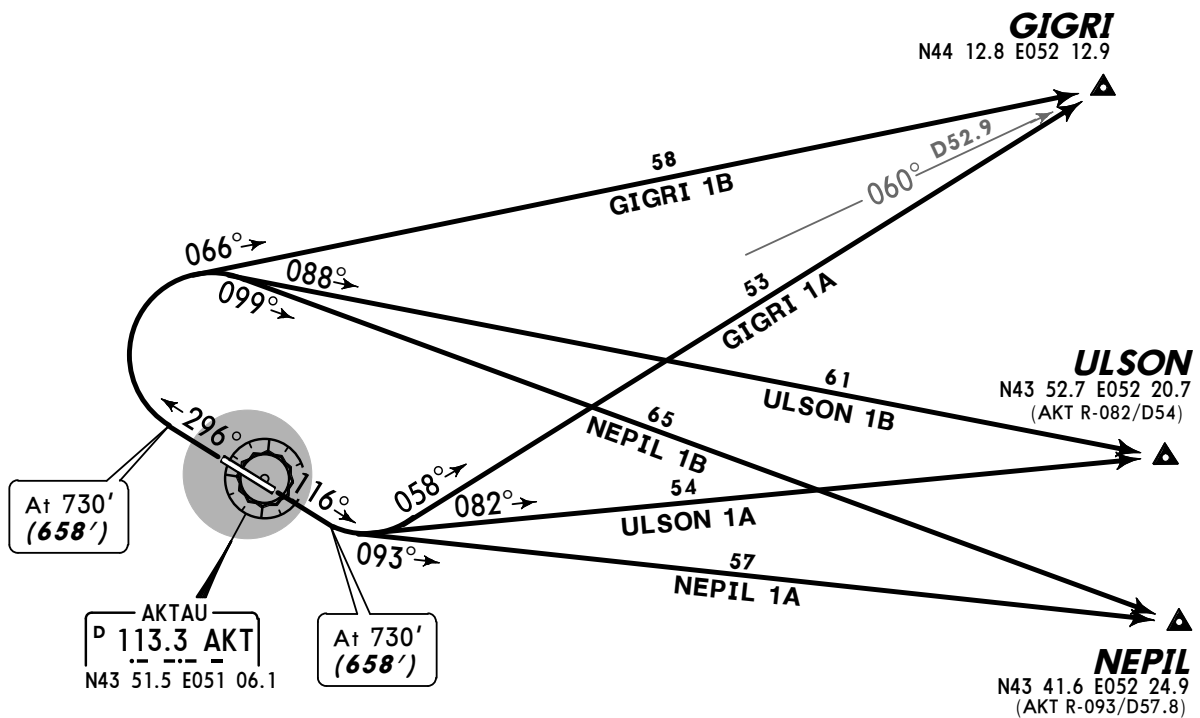
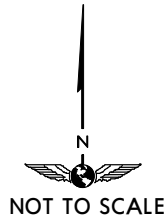
MSA
AKT VOR**AGILA 2A [AGIL2A], AGILA 2B [AGIL2B]**
PIRIM 1A [PIRI1A], PIRIM 1B [PIRI1B]
RIBNA 1A [RIBN1A], RIBNA 1B [RIBN1B]
RWYS 12, 30 DEPARTURES
TO NORTHALT/HEIGHT CONVERSION
QNH **(QFE)**
730' **(658' - 200m)**
2050' **(1978' - 600m)**FL CONVERSION
FL39 **FL1200m**

During departure turn: Rwy 12: MAX 225 KT, Rwy 30: MAX 215 KT.

SID	RWY	ROUTING
AGILA 2A	12	Climb straight ahead to 730' (658') , turn LEFT, 021° track to AGILA.
AGILA 2B	30	Climb straight ahead to 730' (658') , turn RIGHT, 031° track to AGILA.
PIRIM 1A	12	Climb straight ahead to 730' (658') , turn LEFT, 358° track to PIRIM.
PIRIM 1B	30	Climb straight ahead to 730' (658') , turn RIGHT, 006° track to PIRIM.
RIBNA 1A	12	Climb straight ahead to 730' (658') , turn LEFT, 045° track to RIBNA.
RIBNA 1B	30	Climb straight ahead to 730' (658') , turn RIGHT, 057° track to RIBNA.

UATE/SCO
AKTAU**JEPPESEN**
6 NOV 09 **10-3A** Eff 19 Nov**AKTAU, KAZAKHSTAN****SID**Apt Elev
72'QNH on request (**QFE**)
Trans level: FL39 Trans alt: 2050' (**1978'**)
FL by ATC.

1800'

MSA
AKT VOR**GIGRI 1A [GIGRI1A], GIGRI 1B [GIGRI1B]**
NEPIL 1A [NEPIL1A], NEPIL 1B [NEPIL1B]
ULSON 1A [ULSO1A], ULSON 1B [ULSO1B]
RWYS 12, 30 DEPARTURES
TO EAST
ALT/HEIGHT CONVERSION
 QNH (**QFE**)
 730' (**658'** - 200m)
 2050' (**1978'** - 600m)

FL CONVERSION
 FL39 **FL1200m**

During departure turn: Rwy 12: MAX 225 KT, Rwy 30: MAX 215 KT.

SID	RWY	ROUTING
GIGRI 1A	12	Climb straight ahead to 730' (658'), turn LEFT, 058° track to GIGRI.
GIGRI 1B	30	Climb straight ahead to 730' (658'), turn RIGHT, 066° track to GIGRI.
NEPIL 1A	12	Climb straight ahead to 730' (658'), turn LEFT, 093° track to NEPIL.
NEPIL 1B	30	Climb straight ahead to 730' (658'), turn RIGHT, 099° track to NEPIL.
ULSON 1A	12	Climb straight ahead to 730' (658'), turn LEFT, 082° track to ULSON.
ULSON 1B	30	Climb straight ahead to 730' (658'), turn RIGHT, 088° track to ULSON.

UATE/SCO
AKTAU

JEPPESEN A
6 NOV 09 (10-3B) Eff 19 Nov

AKTAU, KAZAKHSTAN

SID

Apt Elev
72'

QNH on request **(QFE)**
 Trans level: FL39 Trans alt: 2050' **(1978')**
 FL by ATC.

1800'

MSA
AKT VOR

AKUKU 1A [AKUK1A], AKUKU 1B [AKUK1B]
BALIG 1A [BALI1A], BALIG 1B [BALI1B]
GASBI 1A [GASB1A], GASBI 1B [GASB1B]
LUMUR 1A [LUMU1A], LUMUR 1B [LUMU1B]
RWYS 12, 30 DEPARTURES
TO SOUTH

AKUKU 1A
N42 50.6 E051 05.2

BALIG
N43 19.7 E051 50.3 (AKT R-128/D45.4)

GASBI
N42 26.2 E050 28.2

LUMUR
N43 06.7 E051 29.9 (AKT R-153/D48.1)

ALT/HEIGHT CONVERSION
 QNH (QFE)
 730' (658' - 200m)
 2050' (1978' - 600m)

FL CONVERSION
 FL39 FL1200m
 FL79 FL2400m

AKUKU 1A

This SID requires a minimum climb gradient of 292' per NM (4.8%) up to FL79.

Gnd speed-KT	75	100	150	200	250	300
292' per NM	365	486	729	972	1215	1458

During departure turn: Rwy 12: MAX 225 KT, Rwy 30: MAX 215 KT.

During departure turn: Rwy 12: MAX 225 KT, Rwy 36: MAX 245 KT.		
SID	RWY	ROUTING
AKUKU 1A	12	Climb straight ahead to 730' (658') , turn LEFT to AKT, 175° track to AKUKU.
AKUKU 1B	30	Climb straight ahead to 730' (658') , turn LEFT, 170° track to AKUKU.
BALIG 1A	12	Climb straight ahead to 730' (658') , turn RIGHT, 129° track to BALIG.
BALIG 1B	30	Climb straight ahead to 730' (658') , turn LEFT, 114° track to D17.4 AKT, turn RIGHT, 130° track to BALIG.
GASBI 1A	12	Climb straight ahead to 730' (658') , turn LEFT to AKT, 192° track to GASBI
GASBI 1B	30	Climb straight ahead to 730' (658') , turn LEFT, 189° track to GASBI.
LUMUR 1A	12	Climb straight ahead to 730' (658') , turn RIGHT, 129° track to D17.4 AKT, turn RIGHT, 166° track to LUMUR.
LUMUR 1B	30	Climb straight ahead to 730' (658') , turn LEFT, 114° track to D17.4 AKT, turn RIGHT, 168° track to LUMUR.

UATE/SCO
AKTAU

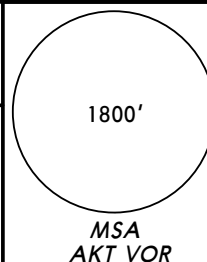
JEPPESEN
6 NOV 09 **(10-3C)** **Eff 19 Nov**

AKTAU, KAZAKHSTAN

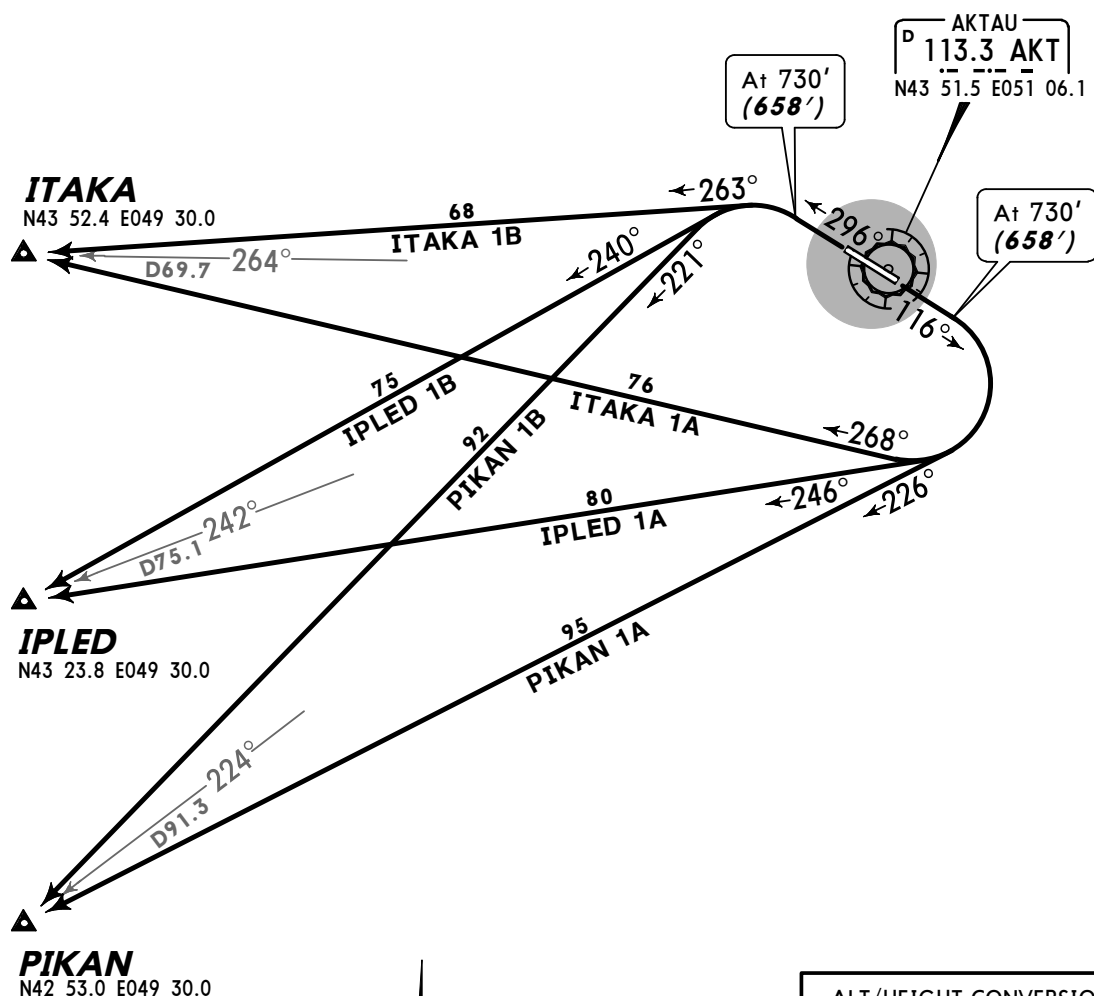
SID

Apt Elev
72'

QNH on request (**QFE**)
Trans level: FL39 Trans alt: 2050' (**1978'**)
FL by ATC.



IPLED 1A [IPLE1A], IPLED 1B [IPLE1B]
ITAKA 1A [ITAK1A], ITAKA 1B [ITAK1B]
PIKAN 1A [PIKA1A], PIKAN 1B [PIKA1B]
RWYS 12, 30 DEPARTURES
TO WEST



ALT/HEIGHT CONVERSION
QNH (**QFE**)
730' (**658'** - 200m)
2050' (**1978'** - 600m)

FL CONVERSION
FL39 **FL1200m**

During departure turn: Rwy 12: MAX 225 KT, Rwy 30: MAX 215 KT.

SID	RWY	ROUTING
IPLED 1A	12	Climb to 730' (658'), turn RIGHT, 246° track to IPLED.
IPLED 1B	30	Climb to 730' (658'), turn LEFT, 240° track to IPLED.
ITAKA 1A	12	Climb to 730' (658'), turn RIGHT, 268° track to ITAKA.
ITAKA 1B	30	Climb to 730' (658'), turn LEFT, 263° track to ITAKA.
PIKAN 1A	12	Climb to 730' (658'), turn RIGHT, 226° track to PIKAN.
PIKAN 1B	30	Climb to 730' (658'), turn LEFT, 221° track to PIKAN.

UATE/SCO
AKTAU**JEPPESEN**
6 NOV 09 **10-3D** **Eff 19 Nov****AKTAU, KAZAKHSTAN****SID***Apt Elev*
72'QNH on request (**QFE**)
Trans level: FL39 Trans alt: 2050' (**1978'**)
FL by ATC.

1800'

MSA
AKT VOR**ATNUR 1A [ATNU1A], ATNUR 1B [ATNU1B]**
AZABI 1A [AZAB1A], AZABI 1B [AZAB1B]
RALAN 1A [RALA1A], RALAN 1B [RALA1B]
RWYS 12, 30 DEPARTURES
TO NORTHWEST**ATNUR**N44 46.0 E050 09.8
(AKT R-318/D68)**AZABI**N44 44.4 E049 30.0
(AKT R-302/D86.9)**RALAN**N44 08.2
E049 30.0
(AKT R-277/D71.3)

NOT TO SCALE

ALT/HEIGHT CONVERSION
QNH (**QFE**)
730' (**658'** - 200m)
2050' (**1978'** - 600m)FL CONVERSION
FL39 **FL1200m**AKTAU
D 113.3 AKT
N43 51.5 E051 06.1

During departure turn: Rwy 12: MAX 225 KT, Rwy 30: MAX 215 KT.

SID	RWY	ROUTING
ATNUR 1A	12	Climb to 730' (658'), turn LEFT, 313° track to ATNUR.
ATNUR 1B	30	Climb to 730' (658'), turn RIGHT, 318° track to ATNUR.
AZABI 1A	12	Climb to 730' (658'), turn LEFT, 298° track to AZABI.
AZABI 1B	30	Climb to 730' (658'), turn RIGHT, 301° track to AZABI.
RALAN 1A	12	Climb to 730' (658'), turn RIGHT, 281° track to RALAN.
RALAN 1B	30	Climb to 730' (658'), turn LEFT, 276° track to RALAN.

CHANGES: New chart.

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UATE/SCO

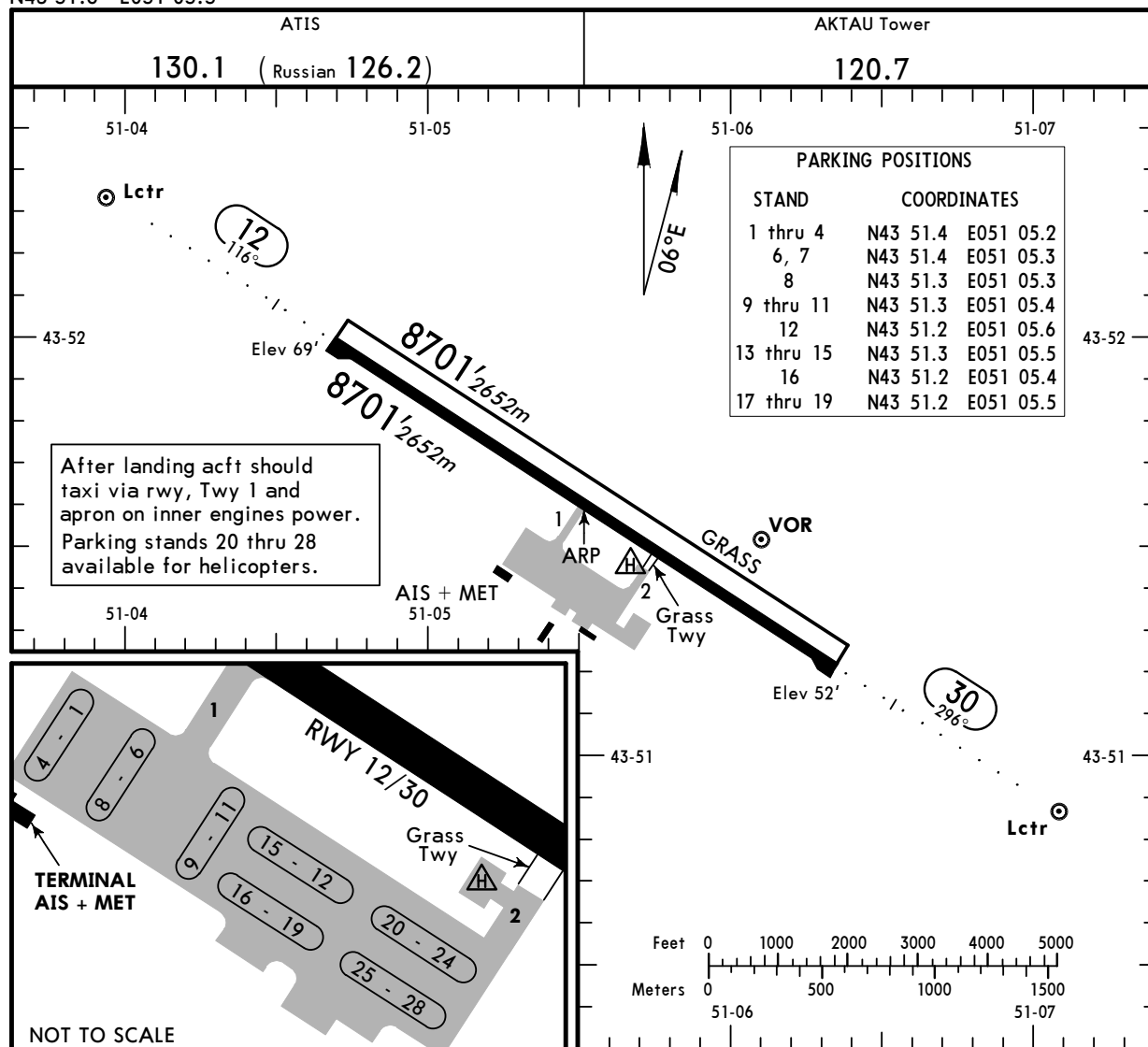
Apt Elev **72'**
N43 51.6 E051 05.5

JEPPesen

10 APR 09 **(10-9)**

AKTAU, KAZAKHSTAN

AKTAU



ADDITIONAL RUNWAY INFORMATION						
RWY			USABLE LENGTHS		TAKE-OFF	WIDTH
			LANDING	BEYOND		
			Threshold	Glide Slope		
12	RL (60m) ALS	RVR		7547' 2300m		148'
30				7729' 2356m		45m
12	Grass runway					328'
30						100m

TAKE-OFF			
AIR CARRIER (JAA)			
All Rwys			
	DAY	NIGHT	
	RL	RCLM	RL
A			
B		400m I	400m I
C	400m I		
D		500m	400m

I LVP must be in force: 300m.

UATE/SCO

 **JEPPESEN**
27 MAR 09

10-9X

Eff 9 Apr

JAA MINIMUMS**AKTAU, KAZAKHSTAN****AKTAU**

STRAIGHT-IN RWY		A	B	C	D
12	ILS	269' (200')	269' (200')	299' (230')	299' (230')
		800m	800m	900m	900m
	<i>ALS out</i>	1000m	1000m	1000m	1000m
	LOC	NOT AUTHORIZED			
	VOR DME	730' (661')	730' (661')	1060' (991')	1060' (991')
		3000m	3000m	5000m	5000m
30	NDB	430' (361')	430' (361')	430' (361')	430' (361')
		1700m	1700m	1700m	1800m
	<i>ALS out</i>	1700m	1700m	1800m	2000m
	ILS	252' (200')	252' (200')	282' (230')	282' (230')
		800m	800m	900m	900m
	<i>ALS out</i>	1000m	1000m	1000m	1000m
	LOC	NOT AUTHORIZED			
	VOR DME	710' (658')	710' (658')	1040' (988')	1040' (988')
		3000m	3000m	5000m	5000m
	NDB	420' (368')	420' (368')	420' (368')	420' (381')
		1700m	1700m	1700m	1800m
	<i>ALS out</i>	1700m	1700m	1800m	2000m

TAKE-OFF RWY 12, 30

		DAY		NIGHT
RL		RCLM	NIL	RL
A	400m I	400m I	500m	400m I
B				
C		500m		400m
D				

I LVP must be in force: 300m.

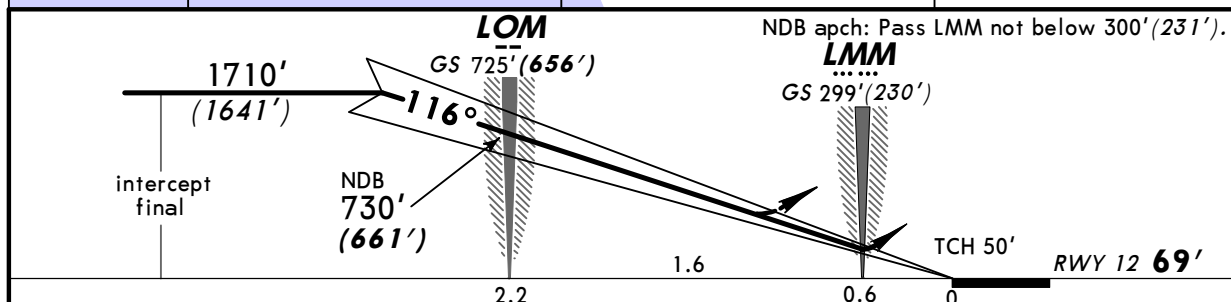
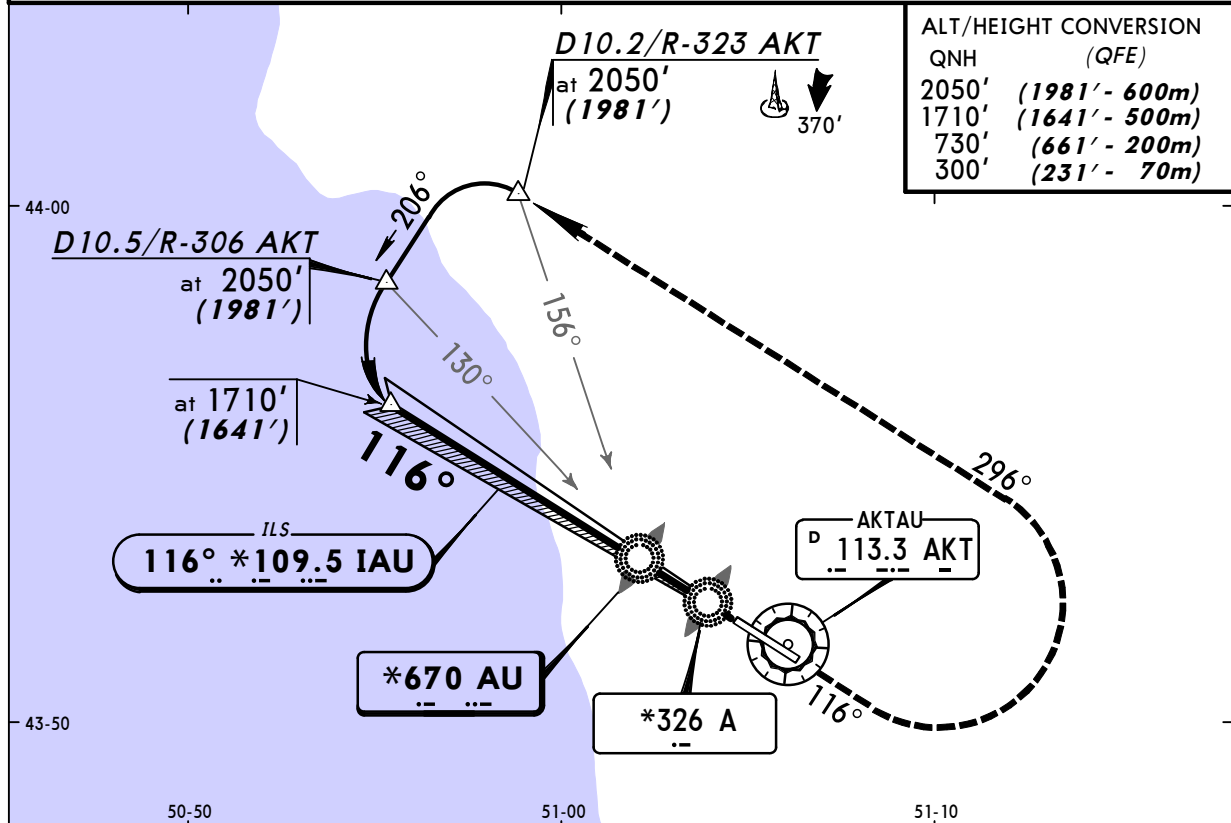
UATE/SCO
AKTAU

JEPPESSEN
25 SEP 09 **(11-1)**

AKTAU, KAZAKHSTAN
ILS or 2 NDB Rwy 12

BRIEFING STRIP

ATIS		AKTAU Approach		AKTAU Tower		
130.1 (Russian 126.2)		134.3		120.7		
LOC IAU *109.5	Final Apch Crs 116°	GS LOM 725'(656')	ILS DA(H) Refer to Minimums	Apt Elev 72' RWY 69'	1800'	
NDB AU *670		Minimum Alt LOM 730'(661')	NDB MDA(H) 430'(361')			
MISSED APCH: Climb on 116° to 730'(661'), then turn LEFT onto 296° climbing to 2050'(1981'), then according to chart.						MSA ARP
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39		Trans alt: 2050' (1981')



Gnd speed-Kts	70	90	100	120	140	160	ALS	730' (661') on 116°	296° LT	2050' (1981')
ILS GS 2.67° or NDB Descent Grad 4.7%	336	432	480	576	671	767				

ILS		STRAIGHT-IN LANDING RWY 12		NDB	
DA(H) AB: 269' (200') CD: 299' (230')		LOC (GS out)		MDA(H) 430' (361')	
FULL	ALS out				ALS out
A					
B					
C	1200m	NOT AUTHORIZED		1700m	
D					

PANS OPS

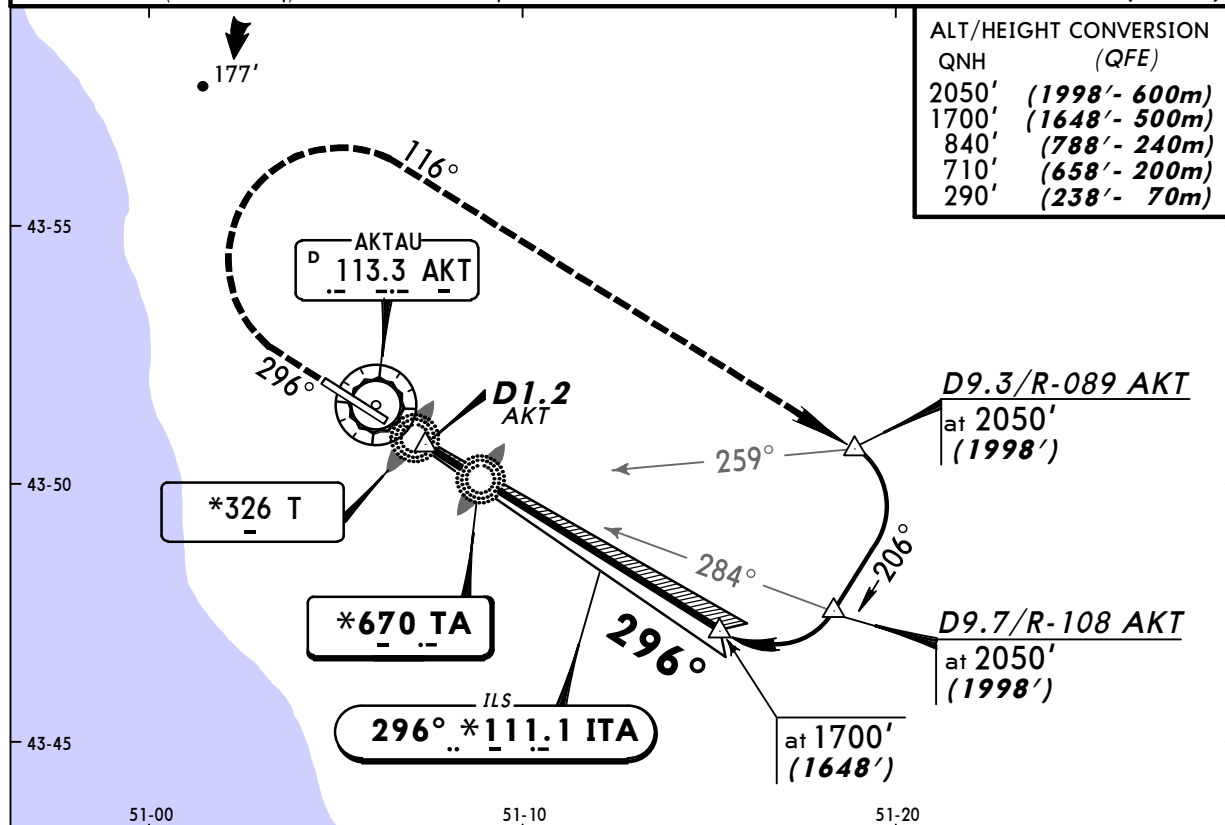
UATE/SCO
AKTAU

JEPPesen
25 SEP 09 **(11-2)**

AKTAU, KAZAKHSTAN
ILS or 2 NDB Rwy 30

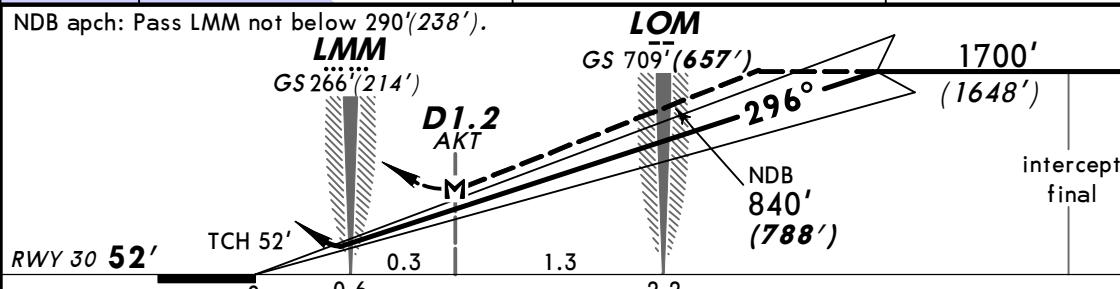
BRIEFING STRIP

ATIS		AKTAU Approach		AKTAU Tower	
130.1 (Russian 126.2)		134.3		120.7	
LOC ITA *111.1	Final Apch Crs 296°	GS LOM 709'(657')	ILS DA(H) Refer to Minimums	Apt Elev 72' RWY 52'	1800'
NDB TA *670		Minimum Alt LOM 840'(788')	NDB MDA(H) 420'(368')		
MISSED APCH: Climb on 296° to 710'(658'), then turn RIGHT onto 116° climbing to 2050'(1998'), then according to chart.					
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39	
				Trans alt: 2050'(1998')	



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2050'	(1998' - 600m)
1700'	(1648' - 500m)
840'	(788' - 240m)
710'	(658' - 200m)
290'	(238' - 70m)

NDB apch: Pass LMM not below 290' (238').



Gnd speed-Kts	70	90	100	120	140	160	ALS	710' (658') on 296°	116° RT	2050' (1998')
ILS GS 2.67°	336	432	480	576	671	767	...			
NDB Descent Grad 5.5%	390	501	557	668	780	891	...			
MAP at D1.2 AKT							...			

ILS		STRAIGHT-IN LANDING RWY 30		NDB	
DA(H) AB: 252' (200') CD: 282' (230')		LOC (GS out)		MDA(H) 420' (368')	
FULL	ALS out				ALS out
A	1200m		NOT AUTHORIZED		
B					
C					
D					

PANS OPS

UATE/SCO
AKTAU

JEPPesen
25 SEP 09 **(13-1)**

AKTAU, KAZAKHSTAN
VOR DME Rwy 12

BRIEFING STRIP

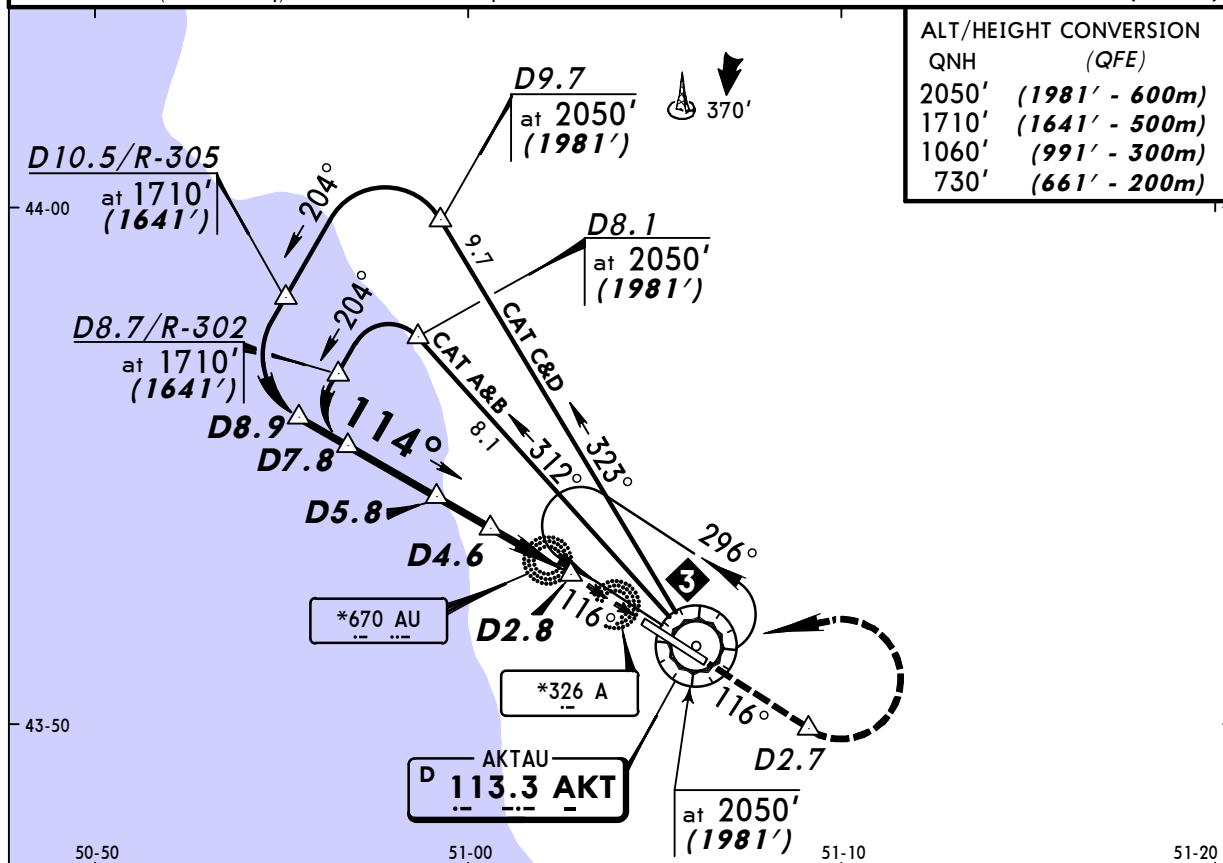
ATIS		AKTAU Approach		AKTAU Tower		1800' MSA ARP
130.1 (Russian 126.2)		134.3		120.7		
VOR AKT 113.3	Final Apch Crs 114°	Minimum Alt D5.8 1710'(1641')	MDA(H) Refer to Minimums	Apt Elev 72' RWY 69'		
MISSED APCH: Climb on 116° to 730'(661') or above to D2.7 after VOR, then turn LEFT climbing to 2050'(1981') to VOR, then according to chart.						
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39		Trans alt: 2050' (1981')

Alt Set: MM (hPa on req)

QNH on req **(QFE)**

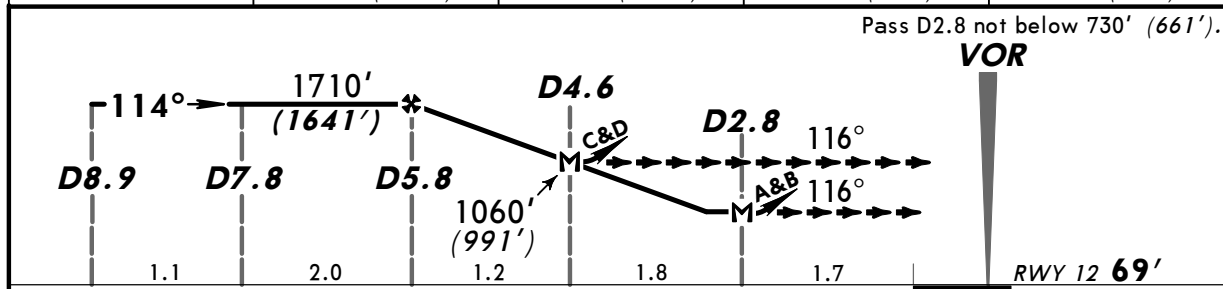
Trans level: FL 39

Trans alt: 2050' **(1981')**



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2050'	(1981' - 600m)
1710'	(1641' - 500m)
1060'	(991' - 300m)
730'	(661' - 200m)

AKT DME	5.4	4.4	3.3	2.2
ALTITUDE	1580'(1511')	1220'(1151')	850'(781')	490'(421')



CAT C & D: MAP at D4.6/ CAT A & B: MAP at D2.8					ALS	Refer to Missed Apch above
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STRAIGHT-IN LANDING RWY 12		ALS out	
MDA(H) AB: 730'(661') CD: 1060'(991')			
A	3000m		
B			
C	5000m		
D			

PANS OPS

UATE/SCO
AKTAU

JEPPesen
25 SEP 09 **(13-2)**

AKTAU, KAZAKHSTAN
VOR DME Rwy 30

BRIEFING STRIP

ATIS		AKTAU Approach		AKTAU Tower		1800' MSA ARP
130.1 (Russian 126.2)		134.3		120.7		
VOR AKT 113.3	Final Apch Crs 302°	Minimum Alt D5.0 1700'(1648')	MDA(H) Refer to Minimums	Apt Elev 72' RWY 52'		
MISSED APCH: Climb on 296° to 710'(658') or above to D1.9 after VOR, then turn RIGHT climbing to 2050'(1998') to VOR, then according to chart.						
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39		Trans alt: 2050'(1998')

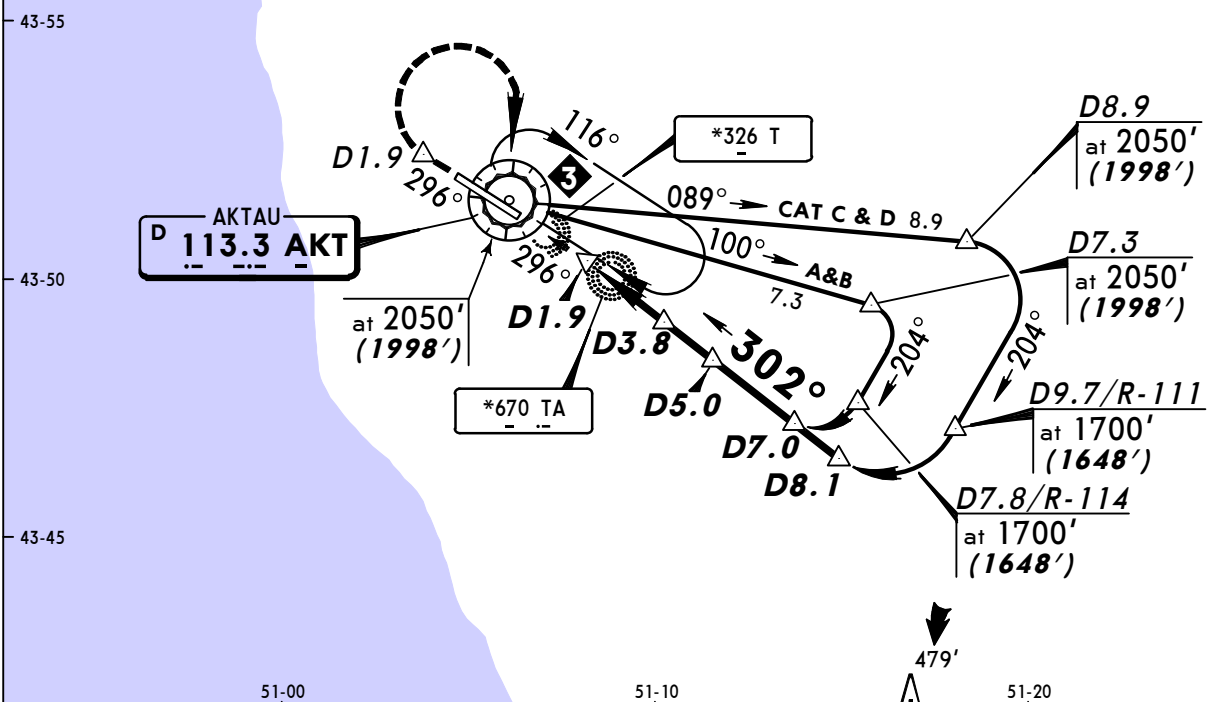
Alt Set: MM (hPa on req)

QNH on req (**QFE**)

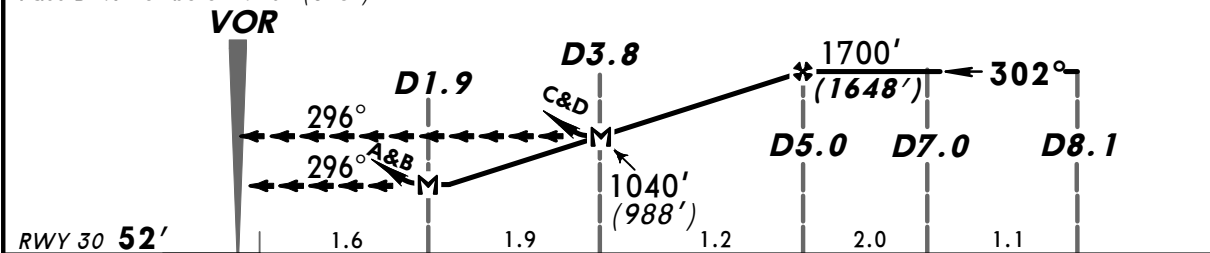
Trans level: FL 39

Trans alt: **2050'(1998')**

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2050'	(1998' - 600m)
1700'	(1648' - 500m)
1040'	(988' - 300m)
710'	(658' - 200m)



Pass D1.9 not below **710' (658')**.



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STRAIGHT-IN LANDING RWY 30	
MDA(H)	AB: 710'(658') CD: 1040'(988')
ALS out	

PANS OPS

A	3000m		
B			
C	5000m		
D			